I-TECH COMPANY

WCM 4.0 Guide for Content Creation

"Created your own Unique Digital Signage Advertisement"

Getting Started

Copy the 6 Sample Media files to your Local System:

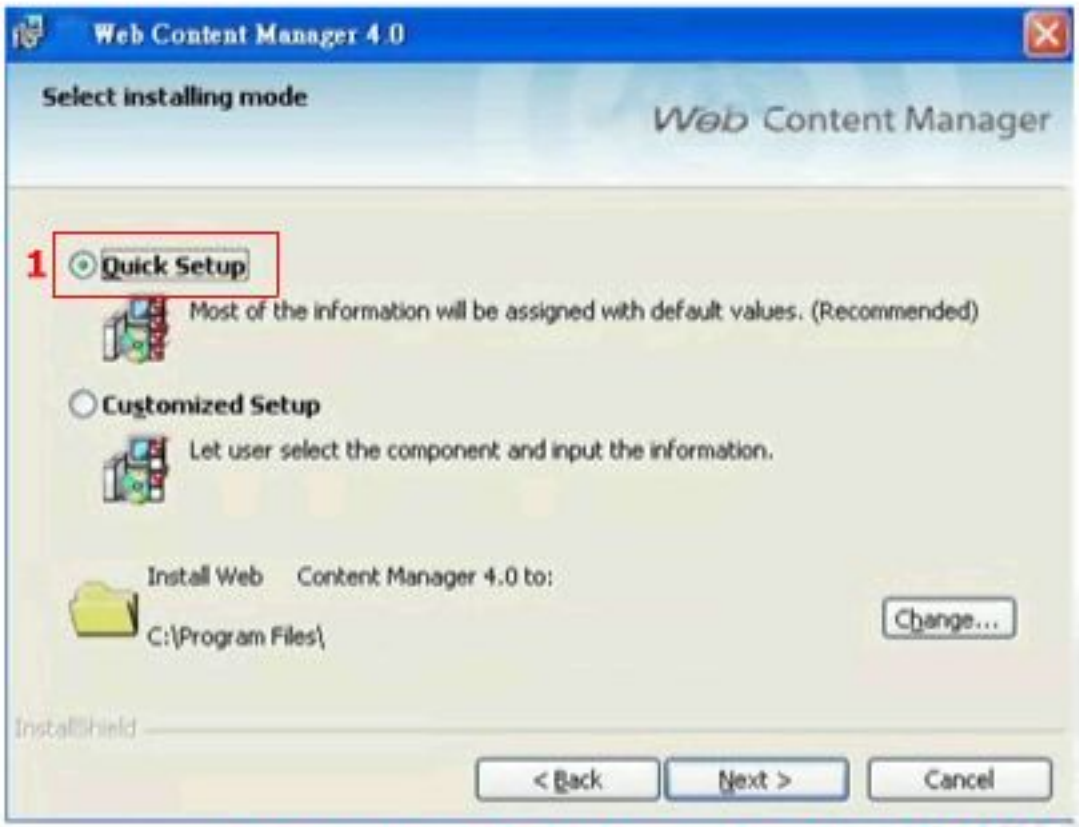
1. **1 flash file**
2. **1 video file**
3. **2 Image files**
4. **2 Ticker files**

After following the steps in this tutorial, you will get the result as shown on the display as shown below:

Network Structure

WCM 4.0 Installation (Quick Setup)

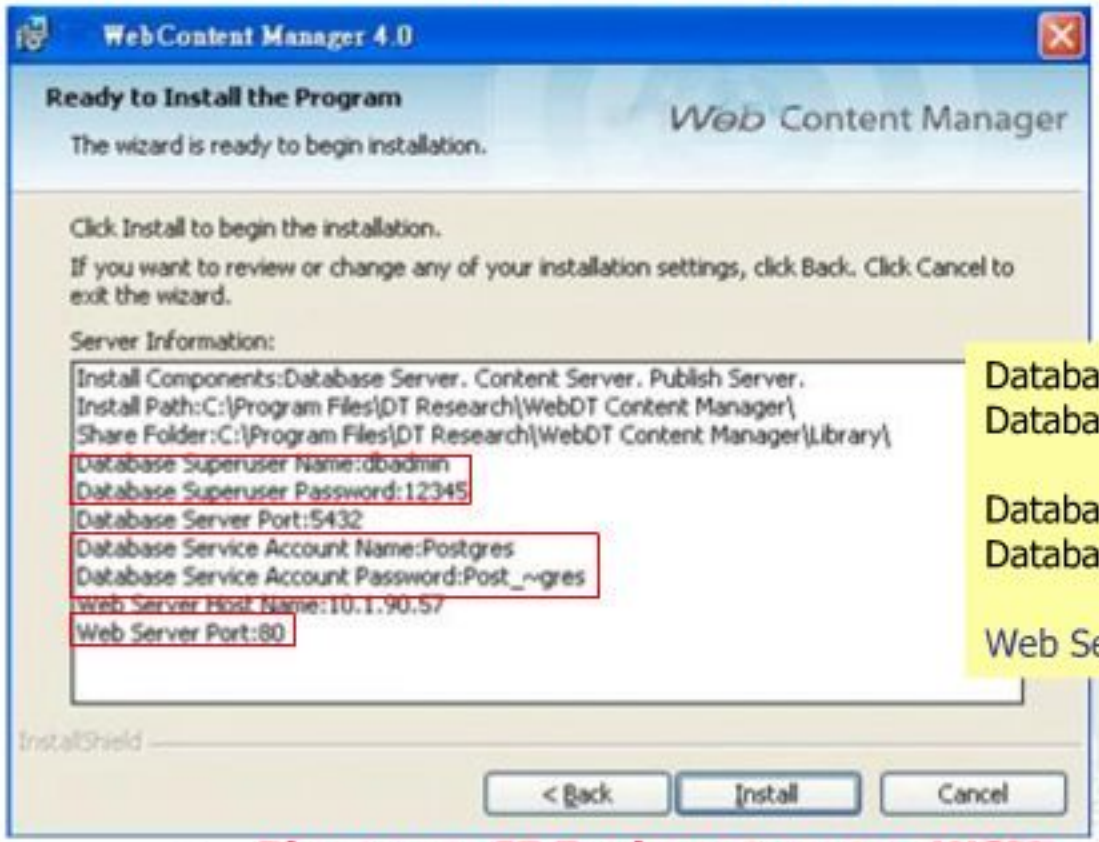
- 1. Download Java SDK 1.6 or Later
- 2. Quick Setup to Install



- **Please use IE Explorer to setup WCM**

WCM 4.0 Installation (Quick Setup)

- 1. Download Java SDK 1.6 or Later
- 2. Quick Setup to Install
- 3. Default Service Account and Password


WebContent Manager 4.0
Ready to Install the Program
The wizard is ready to begin installation.
Web Content Manager
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Server Information:
Install Components:Database Server. Content Server. Publish Server.
Install Path:C:\Program Files\DT Research\WebDT Content Manager\
Share Folder:C:\Program Files\DT Research\WebDT Content Manager\Library\
Database Superuser Name:dbadmin
Database Superuser Password:12345
Database Server Port:5432
Database Service Account Name:Postgres
Database Service Account Password:Post_~gres
Web Server Host Name:10.1.90.57
Web Server Port:80
InstallShield
< Back
Install
Cancel

Database Superuser: dbadmin
Database Superuser Password : 12345

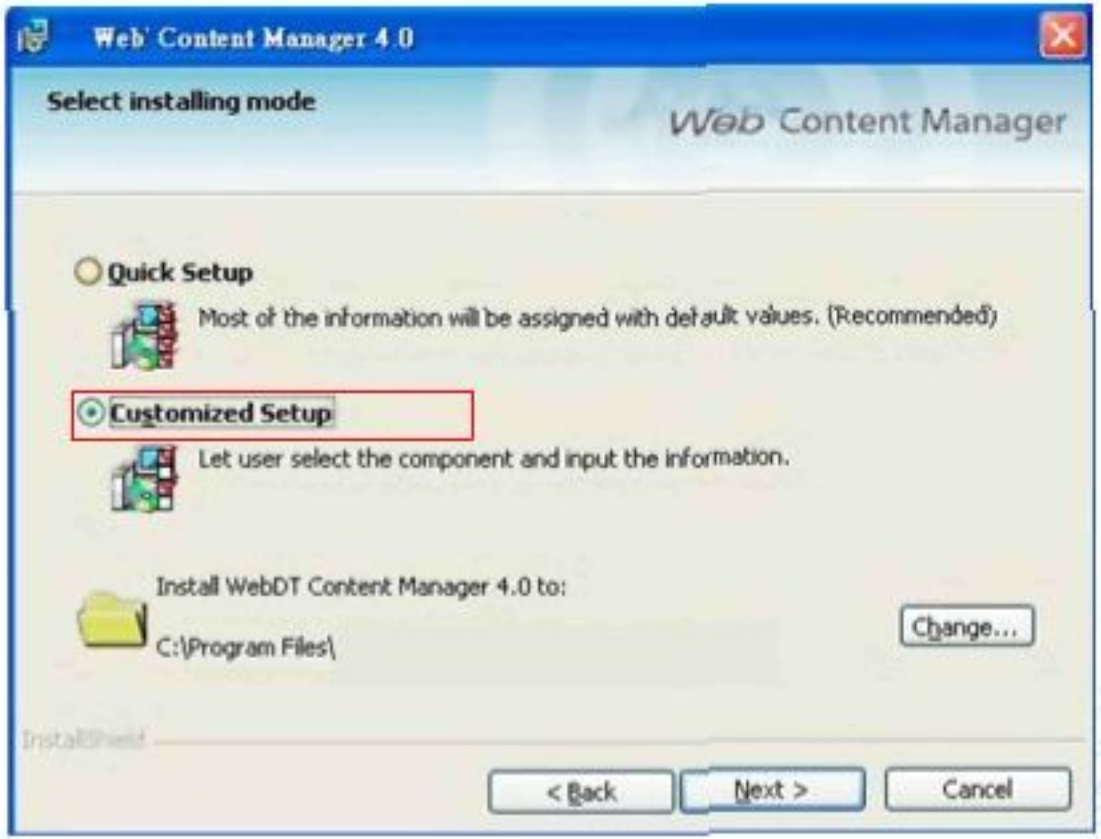
Database service account : Postgres
Database service password : Post_~gres

Web Server Port : 80

- **Please use IE Explorer to setup WCM**

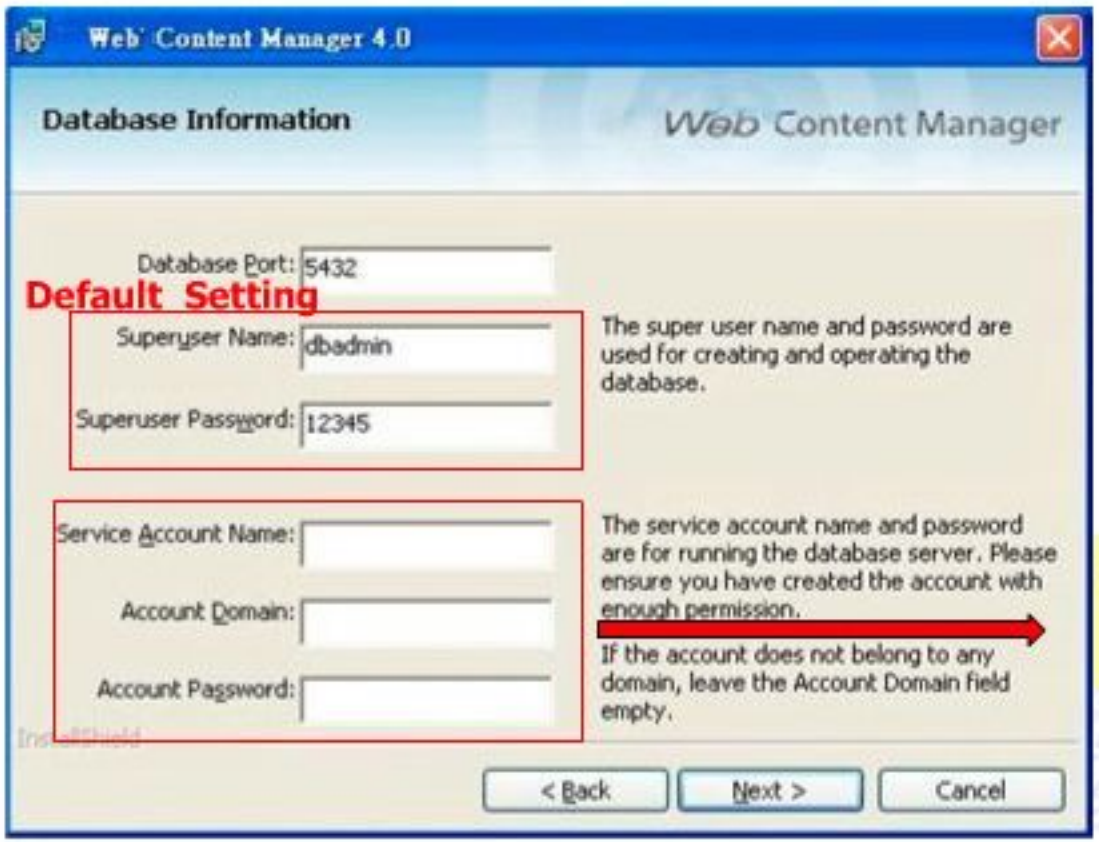
WCM 4.0 Installation (Customized Setup)

- 1. Download Java SDK 1.6 or Later
- 2. Customized Setup



WCM 4.0 Installation (Customized Setup)

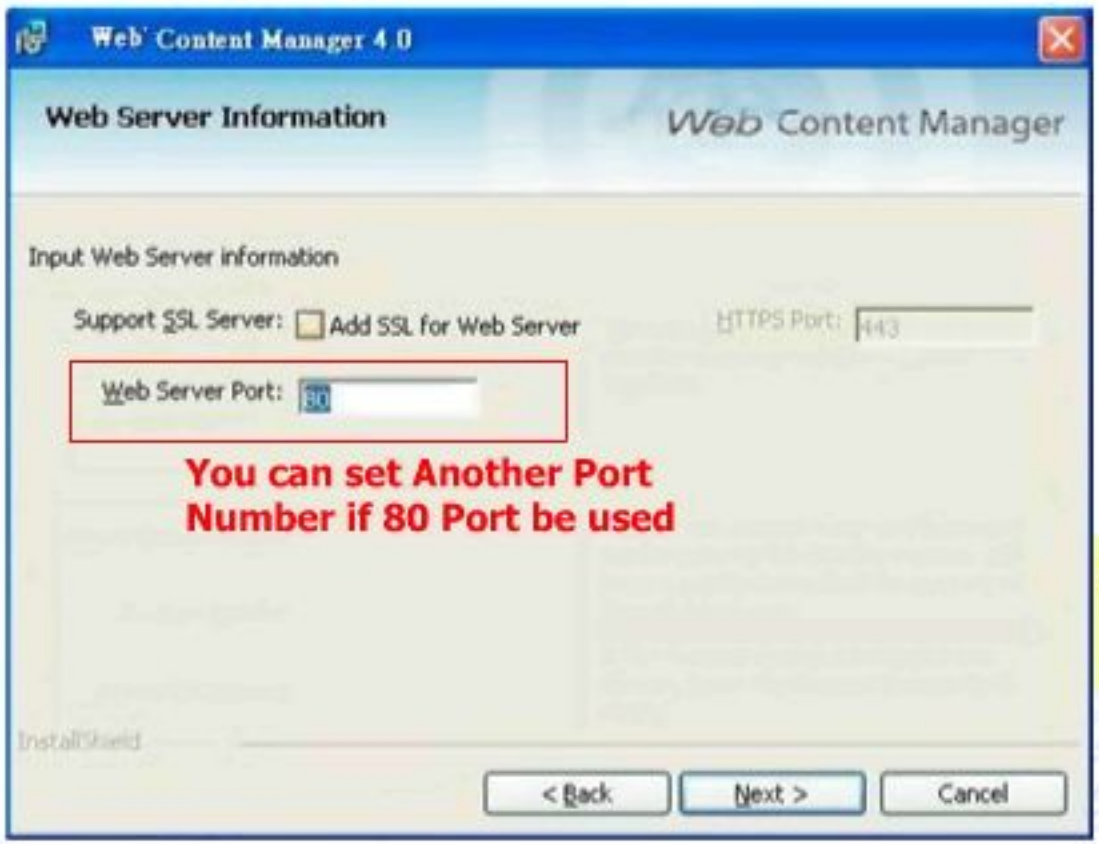
- 1. Download Java SDK 1.6 or Later
- 2. Customized Setup
- 3. Setup Service Account and Password


Web Content Manager 4.0
Database Information
Web Content Manager
Database Port: 5432
Default Setting
Superuser Name: dbadmin
Superuser Password: 12345
The super user name and password are used for creating and operating the database.
Service Account Name:
Account Domain:
Account Password:
The service account name and password are for running the database server. Please ensure you have created the account with enough permission.
If the account does not belong to any domain, leave the Account Domain field empty.
< Back
Next >
Cancel

Service Account need enough Permission to start/stop Service

WCM 4.0 Installation (Customized Setup)

- 1. Download Java SDK 1.6 or Later
- 2. Customized Setup
- 3. Setup Service Account and Password
- 4. Web Server Port



Service Account need enough Permission to start/stop Service

Change Password for Administrator Security

- For WCM Security, Please Change the Password of Administrator
- You can Login WCM Index Page or Use http://127.0.0.1/installhelp/Start.html to Change Password

Default Administrator Setting
User ID : administrator
Password : Admin
Organization: administration

Change Password for Administrator Security

- For WCM Security, Please Change the Password of Administrator
- You can Login WCM Index Page or Use http://127.0.0.1/installhelp/Start.html to Change Password

User ID : administrator

Old Password : Admin
New Password : xxxxxx
Confirm New Password : xxxxxx

Organization : administration

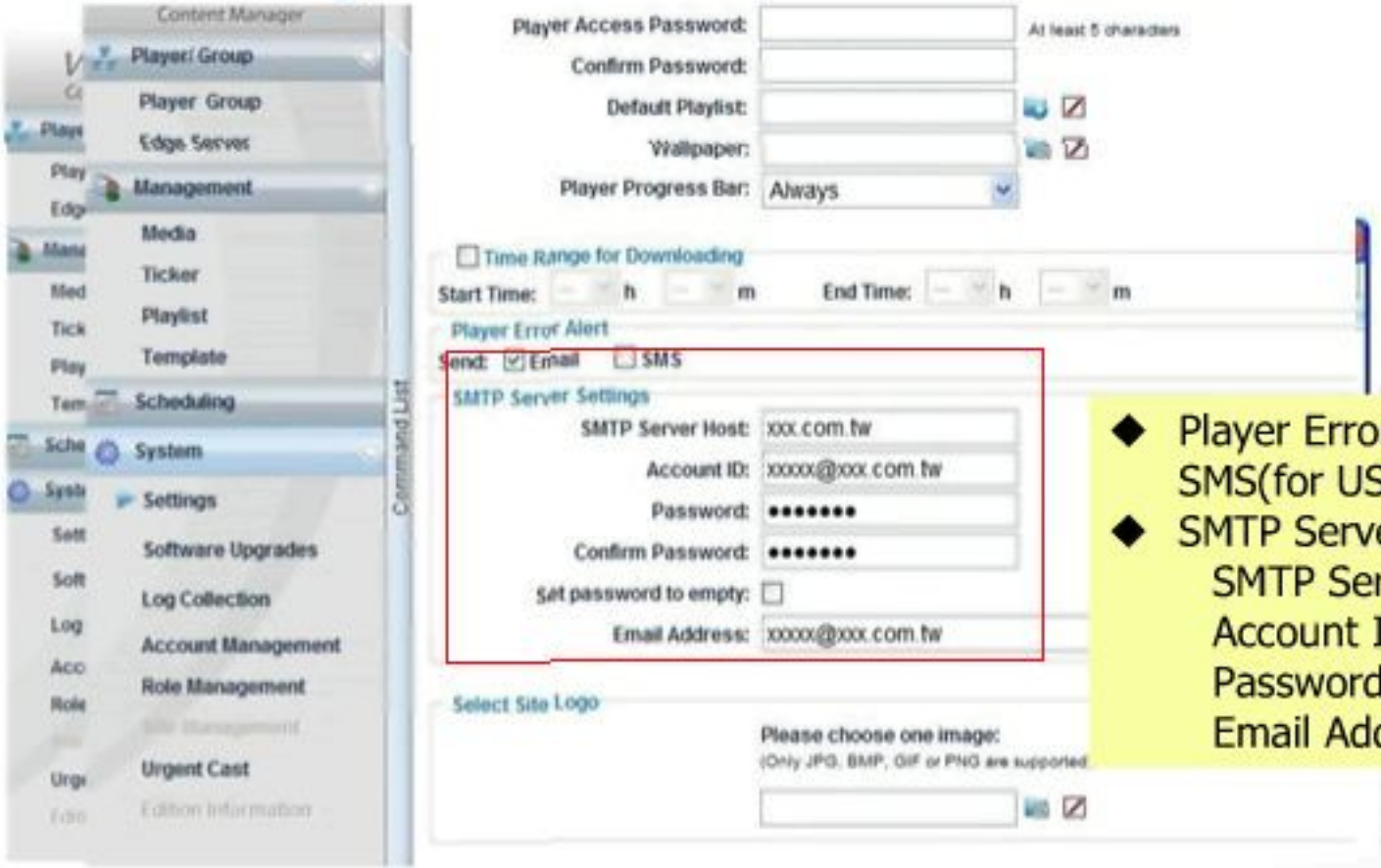
(A resolution of 1280 X 1024 or higher is recommended)

Default Organization and Login Account/Password

- When you Finished Installation , a Website name and Account/Password had be Created
- Login WCM4.0 by Default Account /Password and Organization

Default Organization and Login Account/Password

- When you Finished Installation , a Website name and Account/Password had be Created
- Login WCM4.0 by Default Account /Password and Organization
- SMTP Setting



- Player Error Alert : Email or SMS(for US)
- SMTP Server Settings
  - SMTP Server Host:
  - Account ID:
  - Password:
  - Email Address:

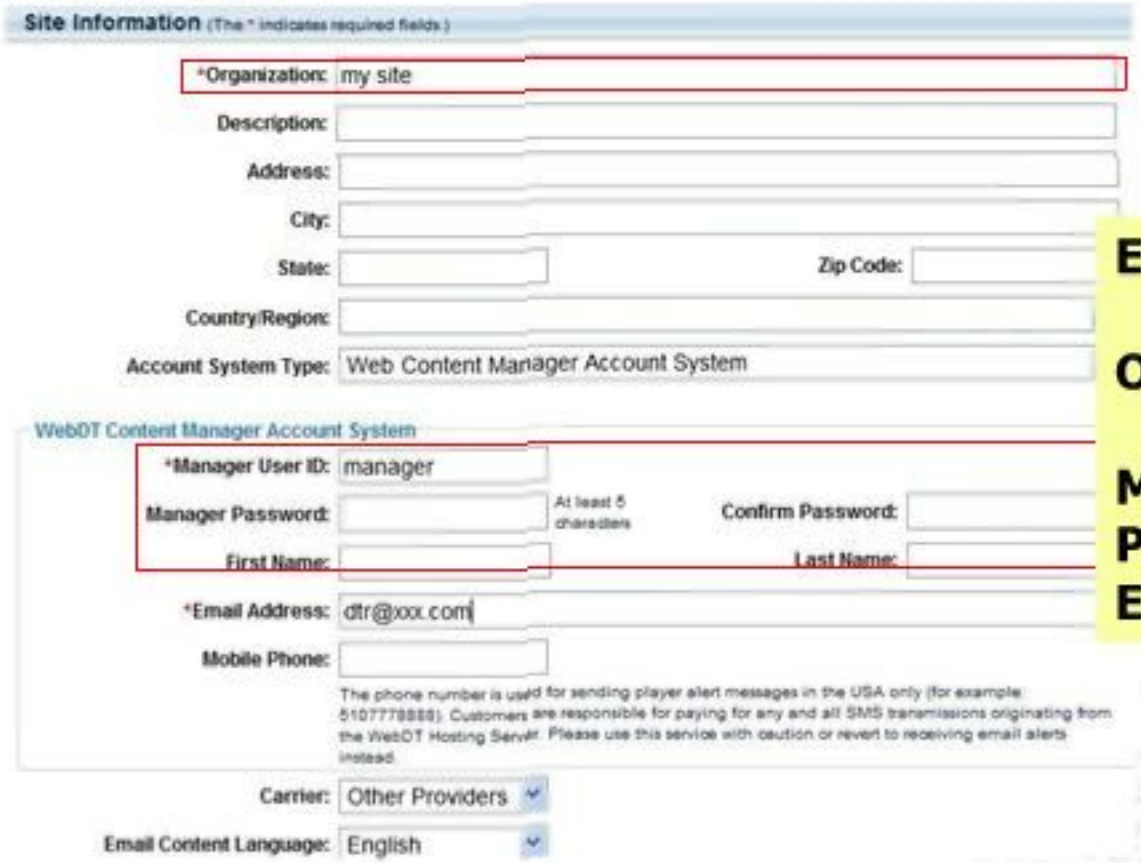
Change Organization and User ID/Password

- 1. Change Organization and User ID/Password by Administrator Account

User ID : administrator
Password : Admin (If You Had Changed Password, please used New Password)
Organization: administration

Change Organization and User ID/Password

- 1. Change Organization and User ID/Password by Administrator Account
- 2. Modify Organization and Manager User ID with Password
- 3. Click Save


Site Information (The * indicates required fields.)
*Organization: my site
Description:
Address:
City:
State:
Zip Code:
Country/Region:
Account System Type: Web Content Manager Account System
WebDT Content Manager Account System
*Manager User ID: manager
Manager Password:
At least 5 characters
Confirm Password:
First Name:
Last Name:
*Email Address: dtr@xxx.com
Mobile Phone:
The phone number is used for sending player alert messages in the USA only (for example 5107778888). Customers are responsible for paying for any and all SMS transmissions originating from the WebDT Hosting Server. Please use this service with caution or revert to receiving email alerts instead.
Carrier: Other Providers
Email Content Language: English

Example :

Organization : demo

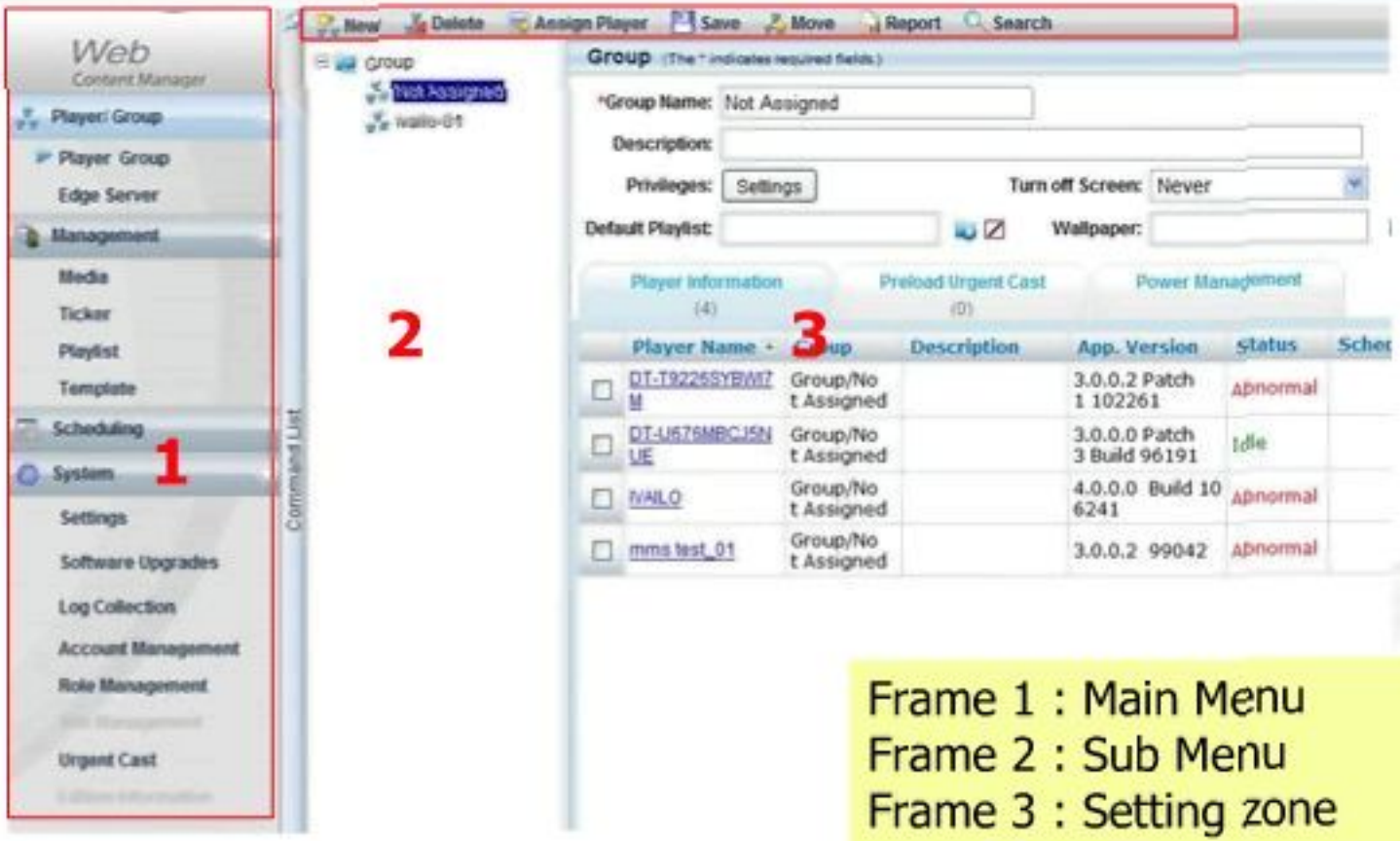
Manger ID : manager
Password : 123456
Email : dtrtest@gmail.com

Login by Manager Account

1. Login by the **Manager** account just created
2. Click **Login**

Example :
Organization : demo
Manger ID : manager
Password : 123456
Email : dtrtest@gmail.com

WCM System



Frame 1 : Main Menu
Frame 2 : Sub Menu
Frame 3 : Setting zone

5 Steps to Starting the WCM

Step1
Register Player with WCM Server

Step2
Assigned the Player to Desired Group

Step3
Upload and Manage Media Files to WCM Server

WCM server

Step4
Edit Template and Playlist

Step5
Schedule and Publish Playlist for assigned group

Register Player with WCM

Player Register to WCM Server

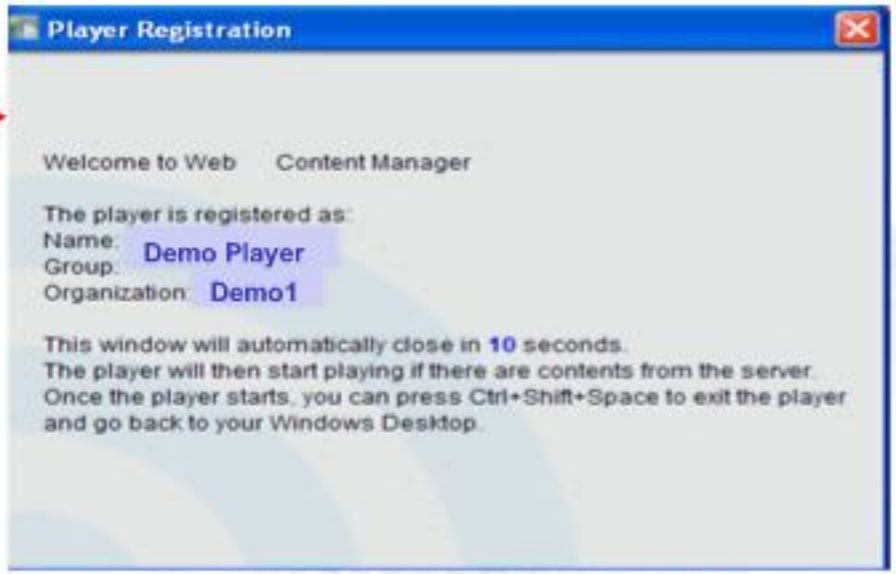
To reregister the player, follow the steps below:

1. You will have to exit the player by pressing **Ctrl** + **Shift** + **Space** keys.
2. Navigate to **Start** | **All Programs** | **Web Signage Player** and click **Register Web Signage Player Again**.

Ex. http://signage.dtresearch.com:port number/publish
or
http://192.168.1.2:port number/publish

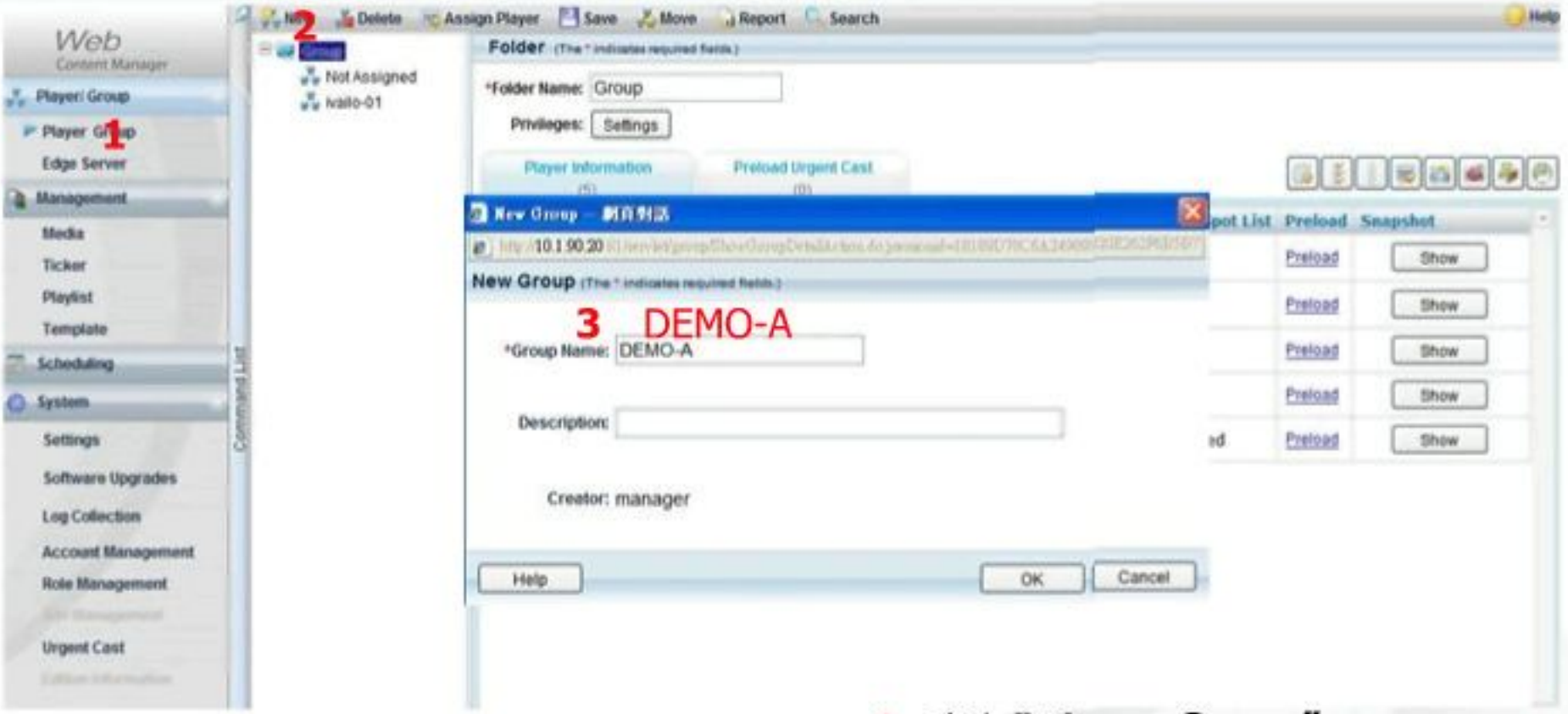
Player Register to WCM Server

- The **Web Player** is registered and a confirmation window displays.
- If it fails to register, please check if the Internet/network connection and the firewall settings work properly.


Player Registration
Welcome to Web Content Manager
The player is registered as:
Name: Demo Player
Group:
Organization: Demo1
This window will automatically close in 10 seconds.
The player will then start playing if there are contents from the server.
Once the player starts, you can press Ctrl+Shift+Space to exit the player and go back to your Windows Desktop.

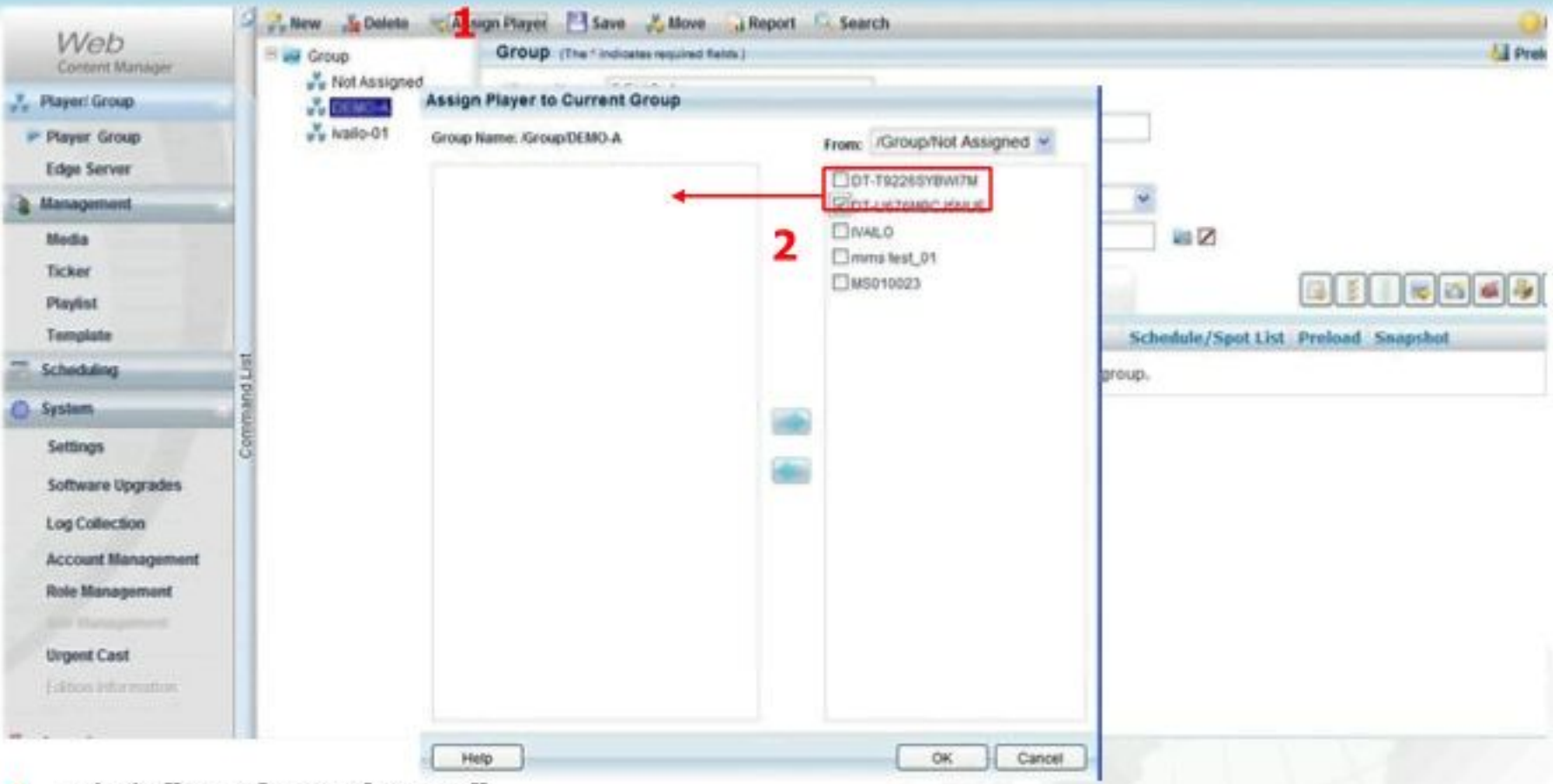
Start Creating Groups
and
Assign Players to Desired Group

Create a Group



1. Click **"Player Group"**
2. Click **"New Group"**
3. Input **DEMO –A** as Group name

Assign Player



1. Click **"Assign Player"**
2. Select the player and assign by clicking

Note:
Before you assign players to your group, the players will be in the Not Assigned group by default

Preview Player

1. Click **"Media"**
2. Click "**Preview Player**" then will install Web Preview Player Program to your PC
3. From Start→ All Programs→ Web Preview Player 4.0→ Start Player

Preview Player

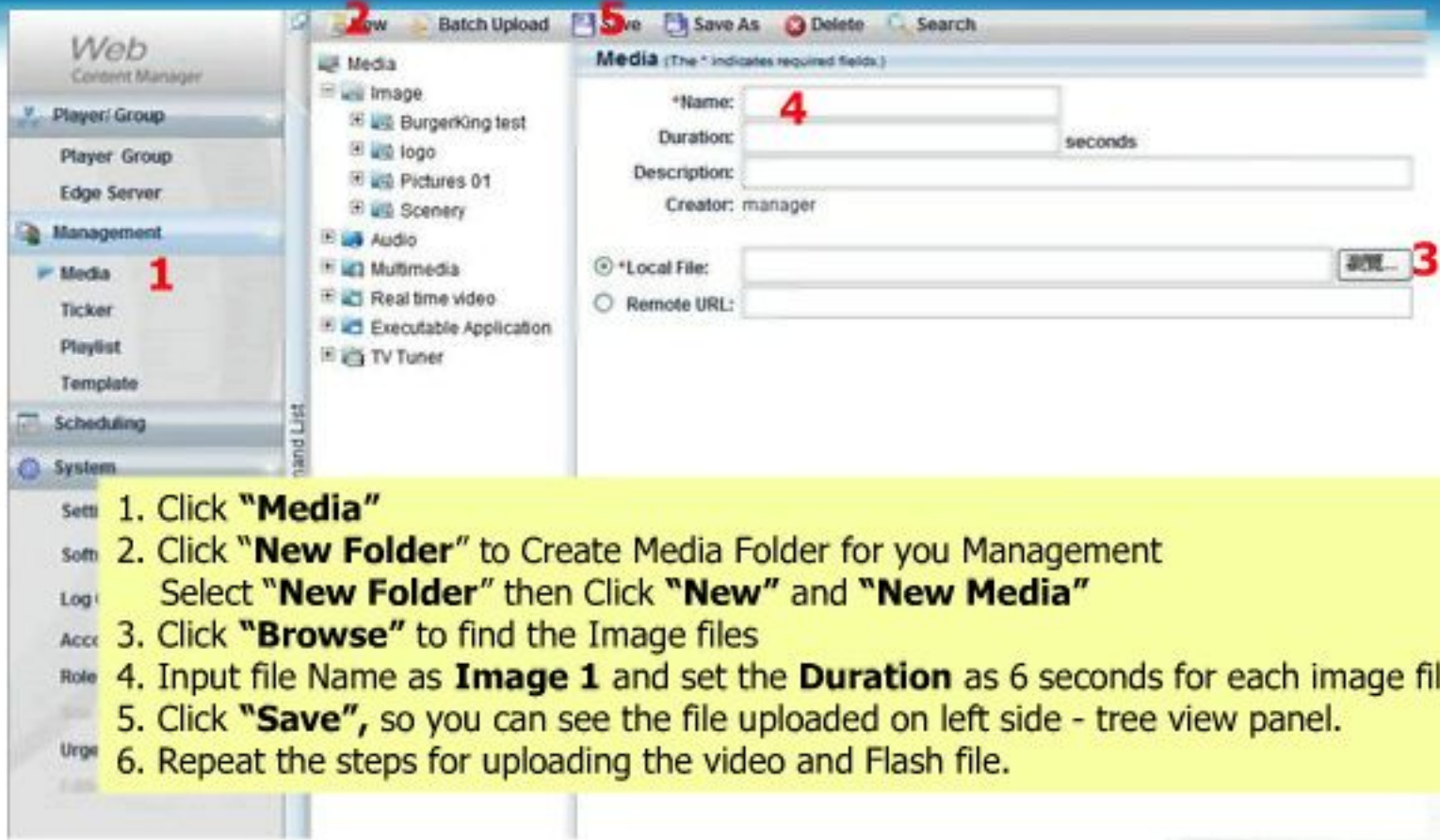
1. Click **"Media"**
2. Click **"Preview Player"** then will install WebDT Preview Player Program to your PC
3. From Start→ All Programs→ Web Preview Player 4.0→ Start Player
4. This Preview Player only for preview function

Preview

1. Click **"Account Management"**
2. Select the **Account** you belonged to
3. Click then a window pop up.
4. Select the player you registered (or other players) to add in as the Preview Player (s)
5. Your selected Preview Player (s) will be listed.
6. Save the settings

Upload and Manage Media files

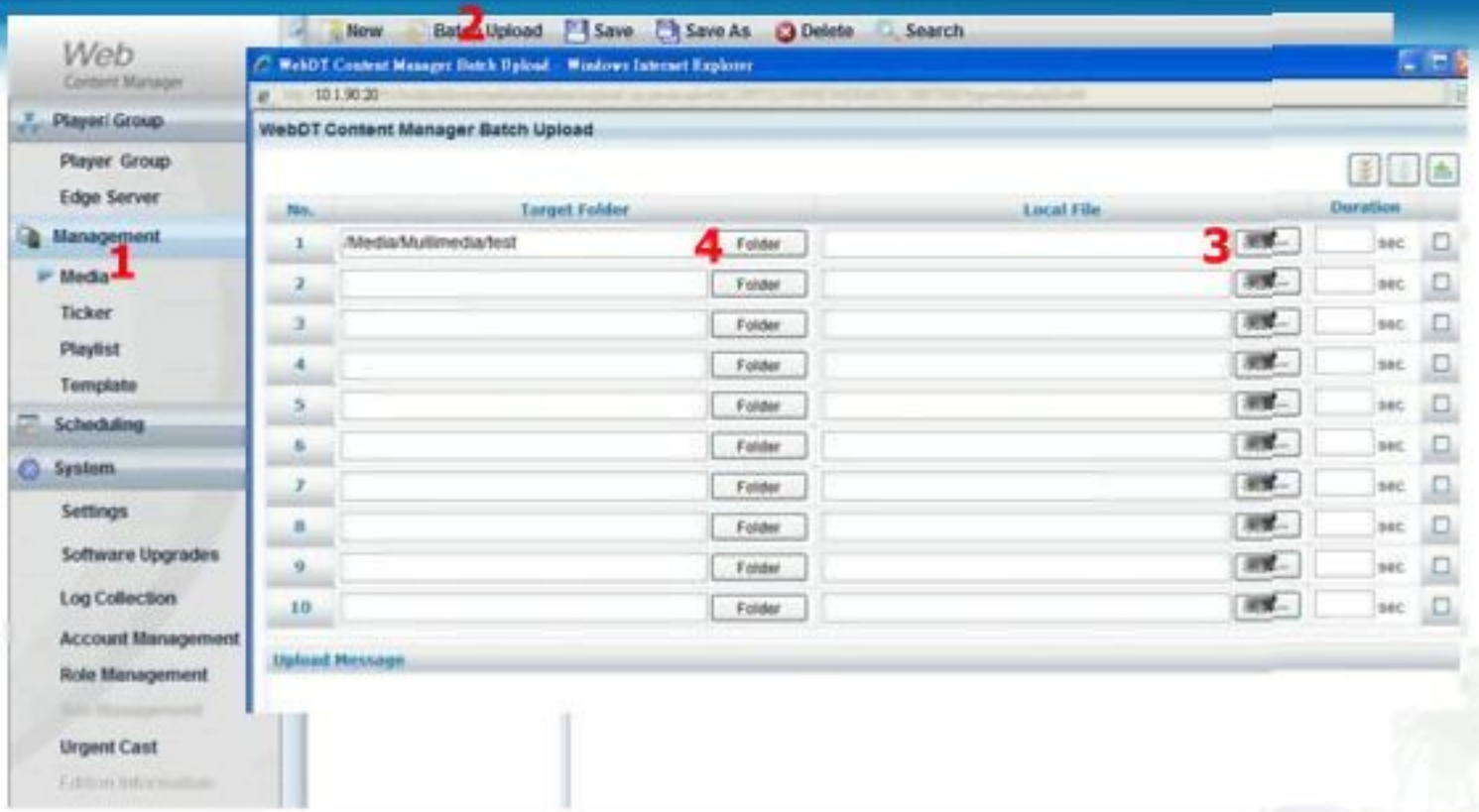
Upload Media to WCM Server



1. Click **"Media"**
2. Click "**New Folder**" to Create Media Folder for you Management
   Select "**New Folder**" then Click **"New"** and **"New Media"**
3. Click **"Browse"** to find the Image files
4. Input file Name as **Image 1** and set the **Duration** as 6 seconds for each image file
5. Click **"Save",** so you can see the file uploaded on left side - tree view panel.
6. Repeat the steps for uploading the video and Flash file.

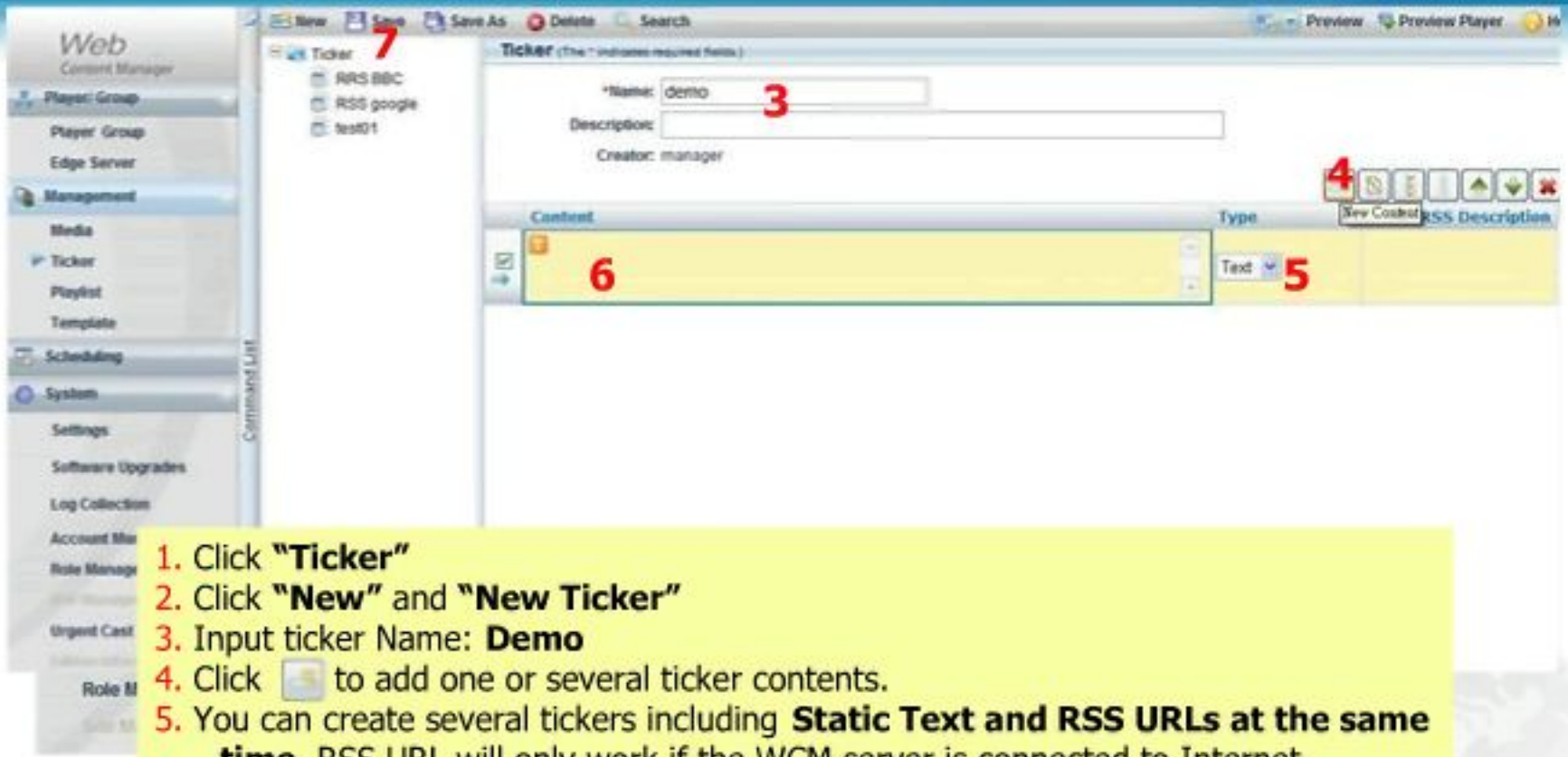
Note: The image files (BMP, JPG, etc) should be put under Image category, Multimedia files (SWF, MPG, AVI, URL, PPT etc) should be put under the Multimedia category. If you placed files in the wrong category, the files won't be displayed .

Batch Upload Media



1. Select any Folder of Media
2. Click "**Batch Upload**" Then pop a Windows
3. Click **"Browse"** to find the Image files
4. You can Change the Folder for your Upload Media

Create a Ticker

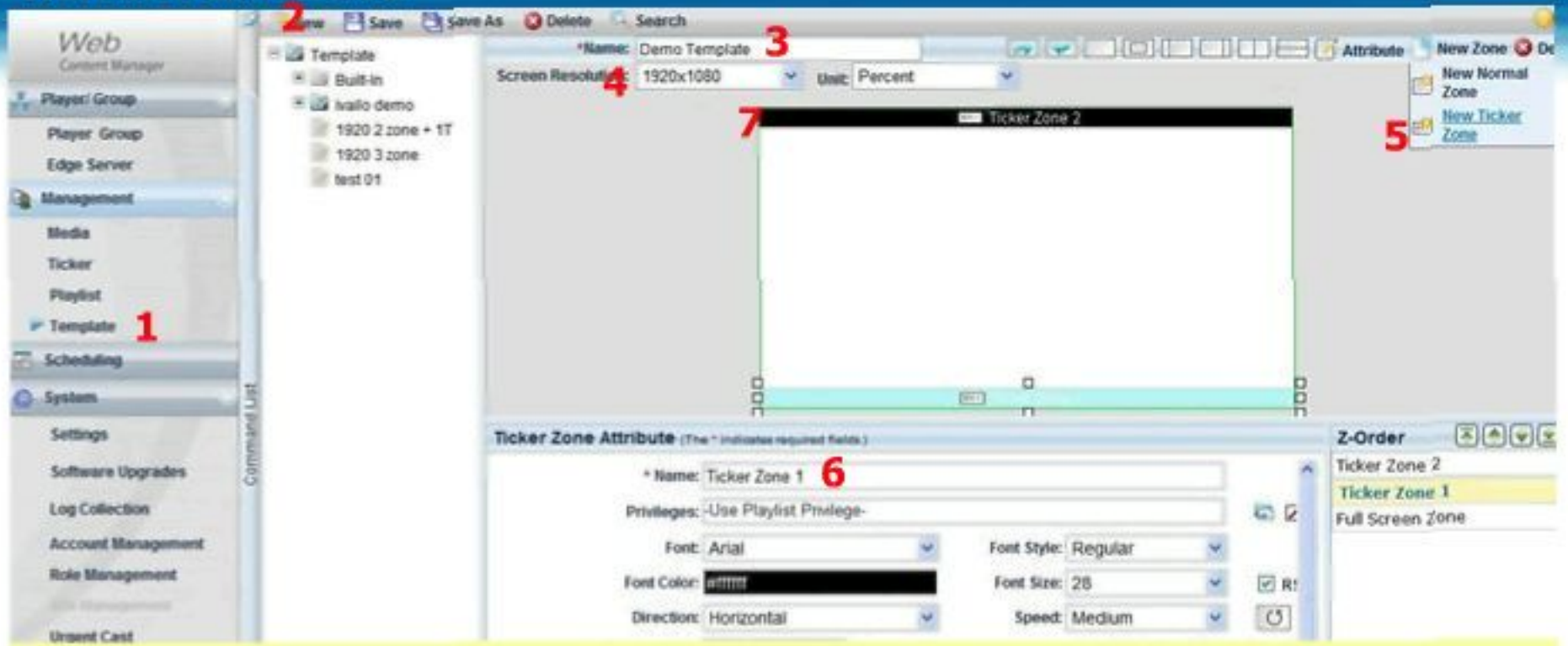


1. Click **"Ticker"**
2. Click **"New"** and **"New Ticker"**
3. Input ticker Name: **Demo**
4. Click to add one or several ticker contents.
5. You can create several tickers including **Static Text and RSS URLs at the same time.** RSS URL will only work if the WCM server is connected to Internet.
6. Key-in the text and/or RSS URL, e.g.: *Demo for Web Signage System* and *http://newsrss.bbc.co.uk/rss/newsonline_world_edition/front_page/rss.xml*
7. **Save** the settings

Edit Template and Playlist

Create a Template

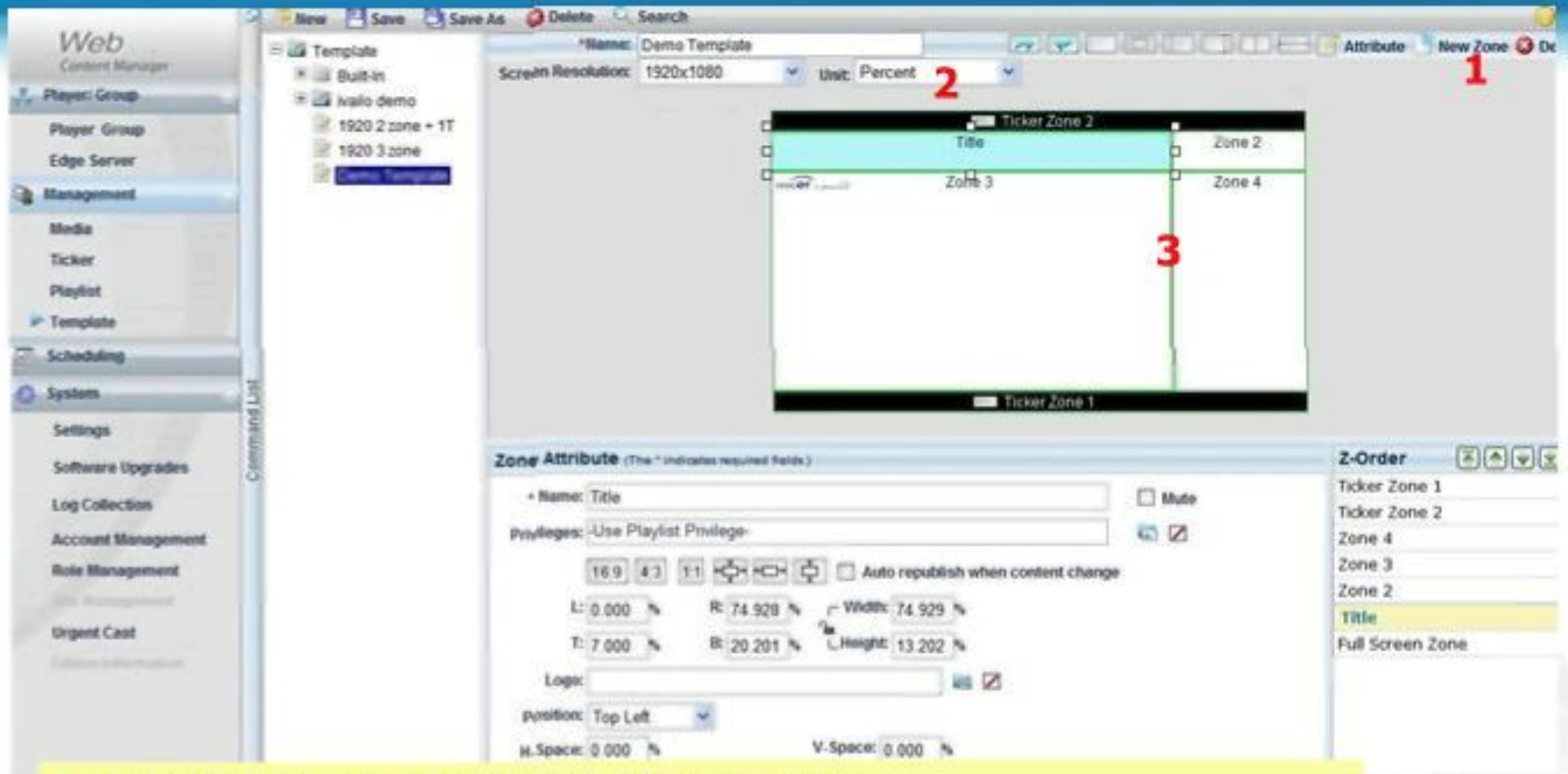
Add in Ticker Zone



1. Click **"Template"**
2. Click **"New"** and **"New Template"**
3. Input template Name: **Demo Template**
4. Select the **Screen Size** as **"1920 x 1080"** (Or any other size depending on your LCD)
5. Click **"New Ticker Zone"** to add the First ticker zone
6. Input ticker zone Name: **Ticker Zone 1**
7. Click **"New Ticker Zone"** to add the Second ticker zone, Input zone Name: **Ticker Zone 2**

Create a Template

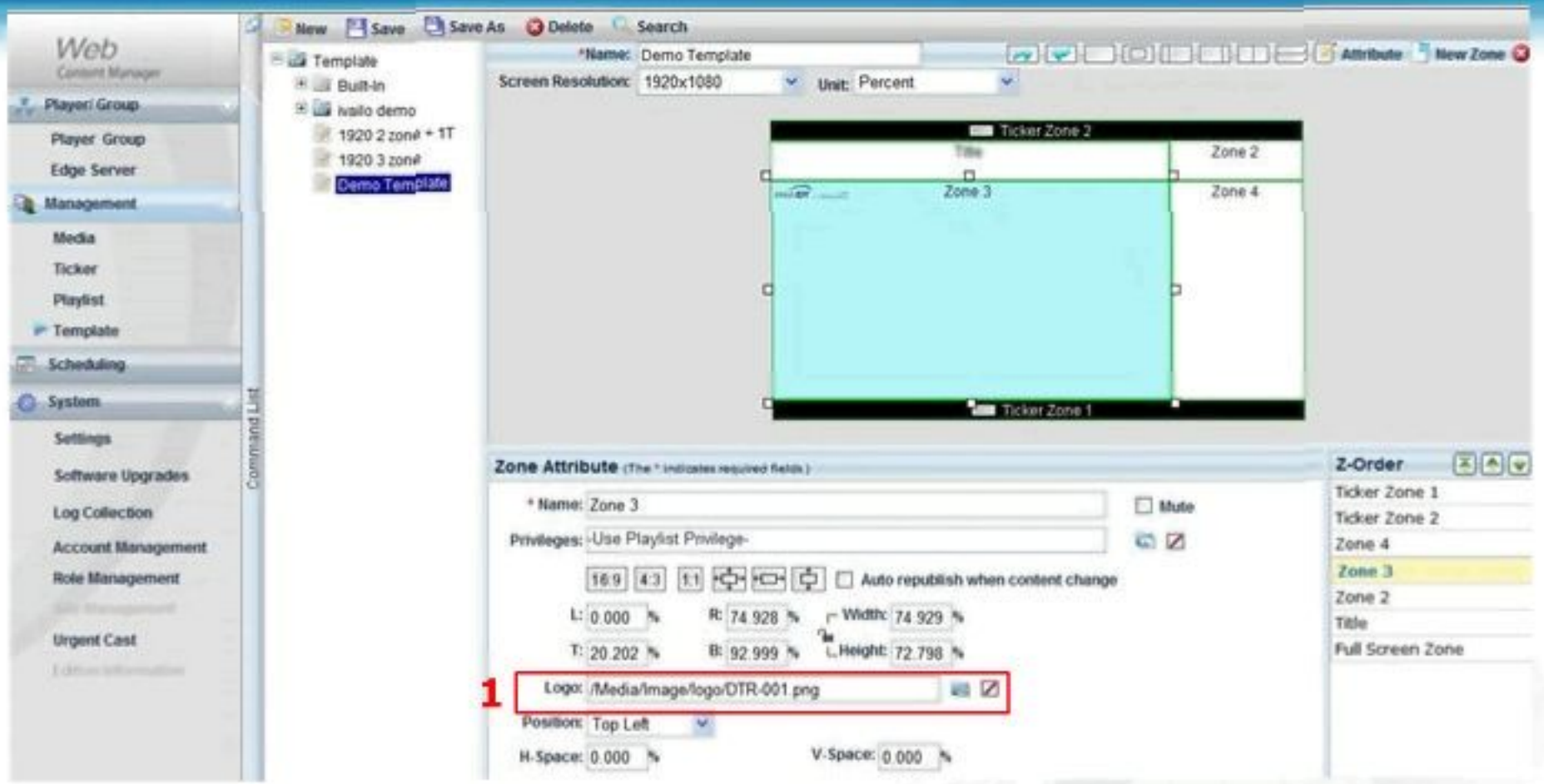
Add Zones



1. Click **"New Normal Zone"** to add new zones
2. Zone size and location can be set *either by* ***percentages*** *or* ***pixels***.
3. Add Zone 2 , Zone 3 and Zone 4

Create a Template

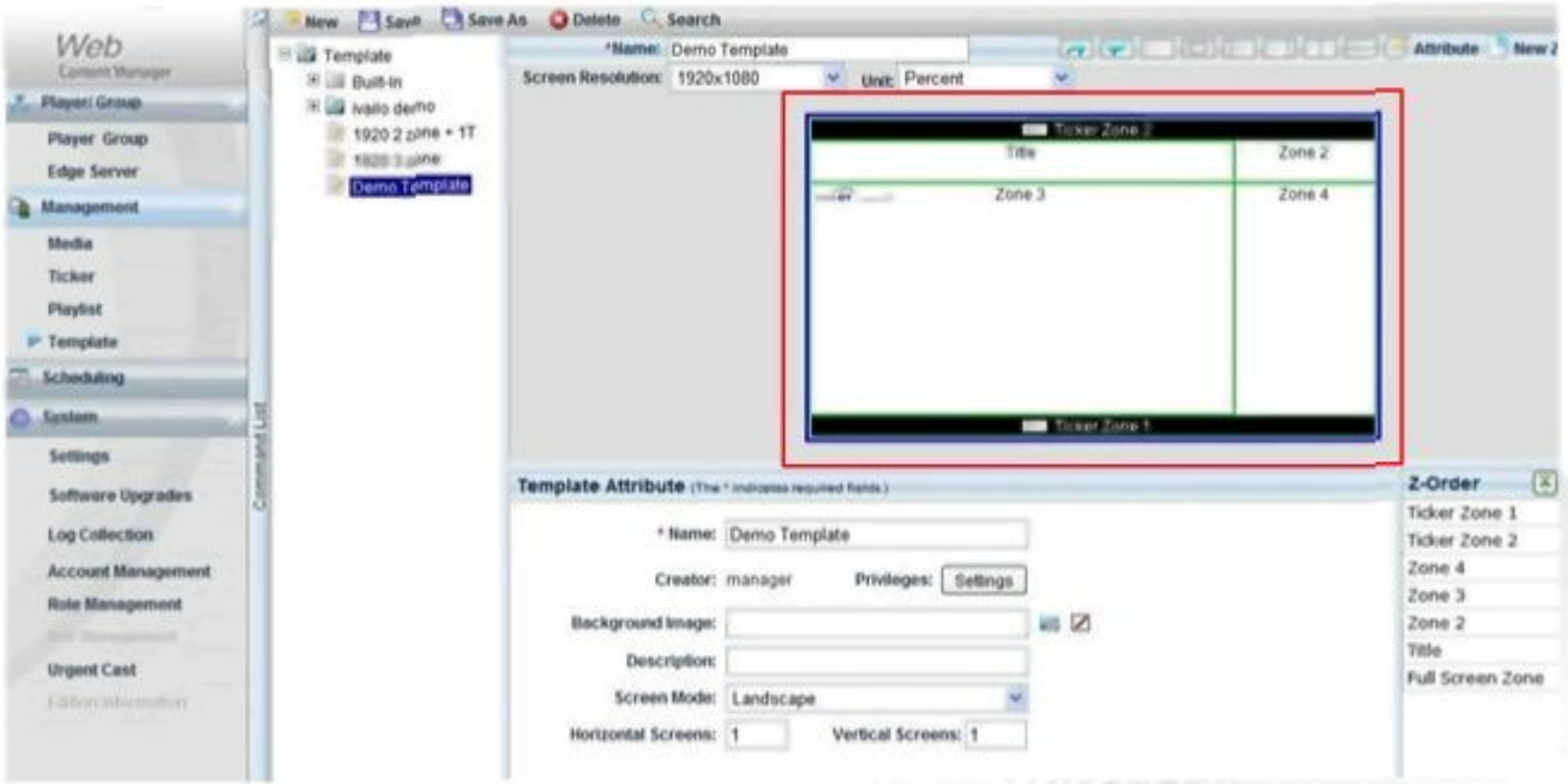
Translucent Logo Function



1. You can set Translucent Logo in a normal zone, the image support alpha blending.

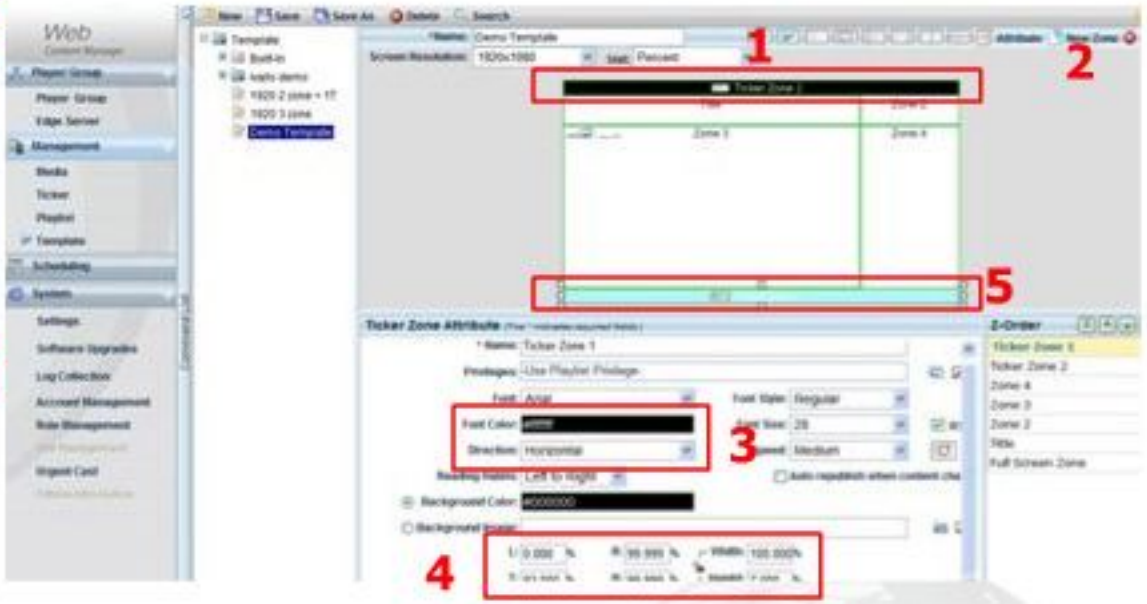
Template Example

Now, you are going to create six zones including a flash, two image, a video and two ticker.



Create the Template

The Ticker Zone

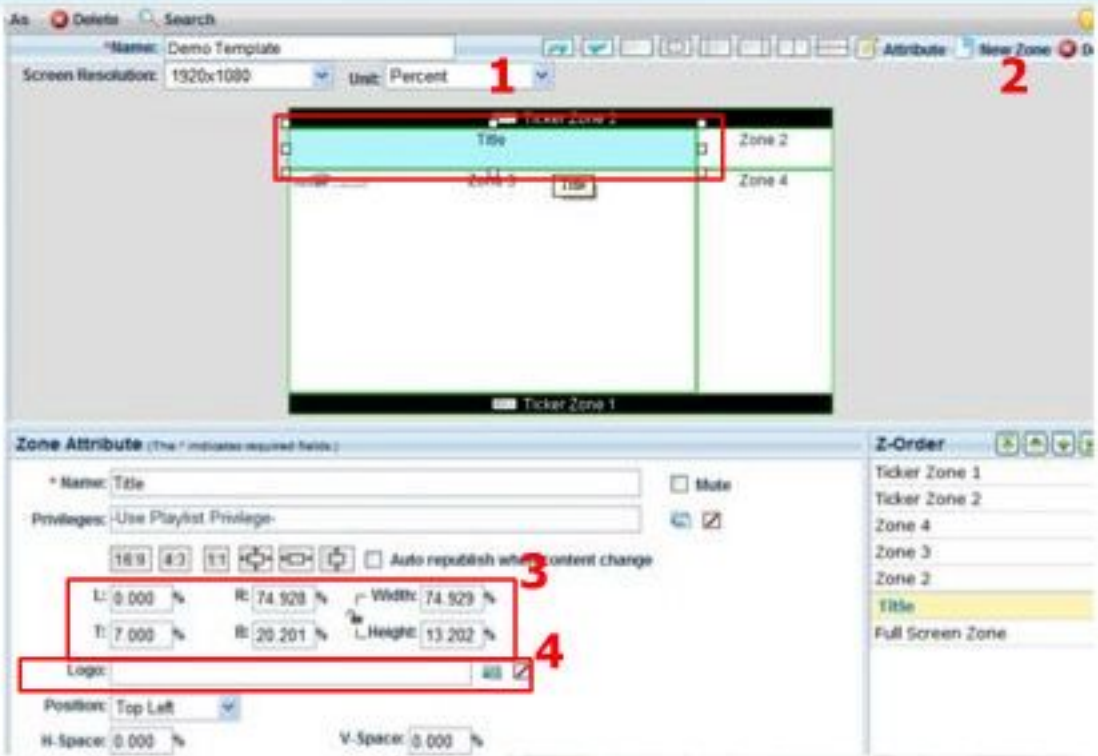


1. Keep unit as **"Percent"**
2. Click **"New Ticker Zone"** to add a zone and name it as **Ticker Zone 1**
3. Set ticker zone attributes including **color/ size/ direction/ speed/ background**
4. Input position percentages for the demo zones: L: 0.00 R: 99.99 T: 93.00 B: 99.99
5. Repeat Produce 1~4 to Add **Ticker Zone 2**

The zone size and position can be set either by percentages or pixels. See Appendix for more information.

Create the Template

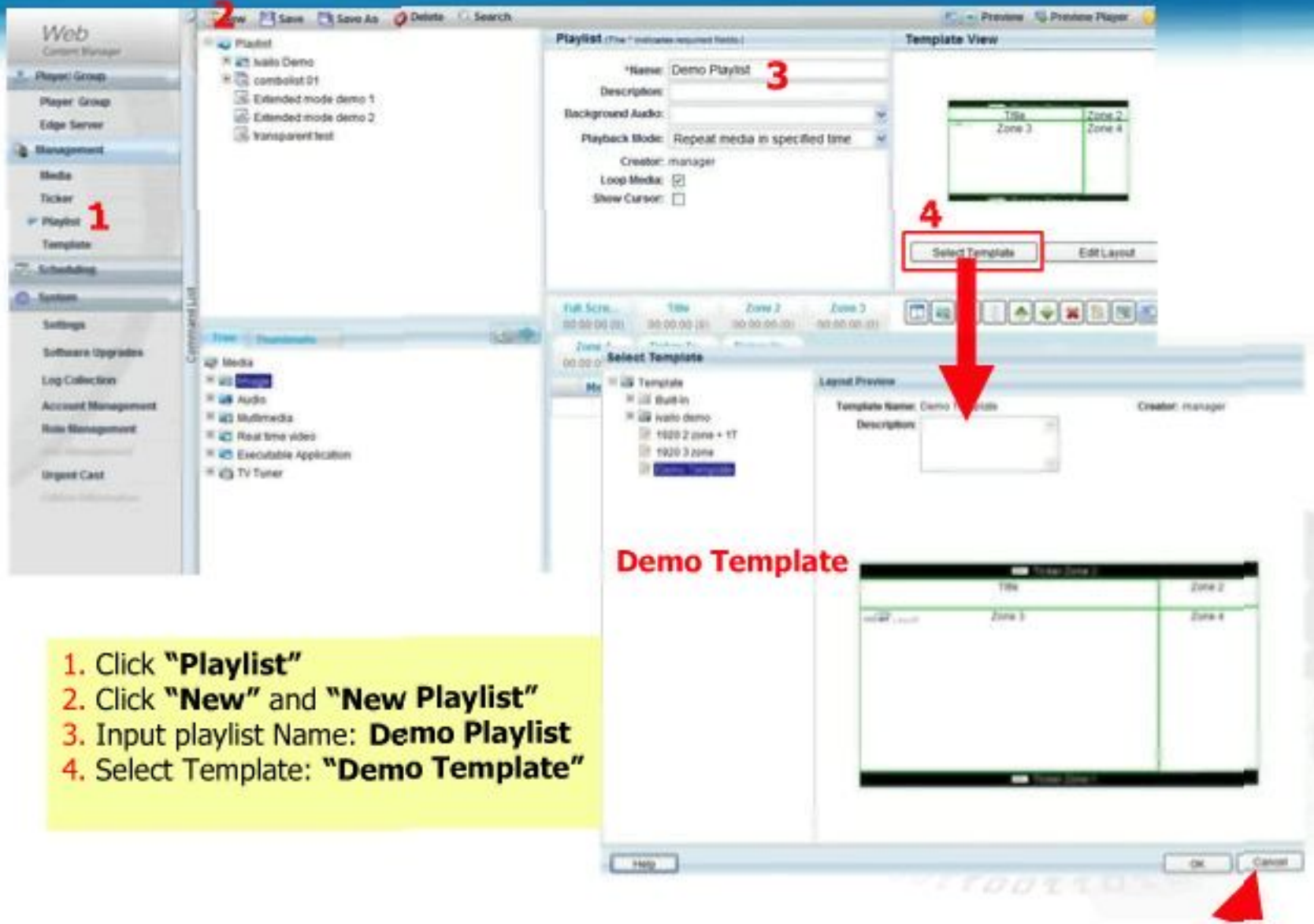
The Flash Zone (Zone 1)



1. Set unit as "Percent"
2. Click "New Normal Zone" to add a zone and name it as **Title**
3. Input position percentages for the demo zones: L: 0.00 R: 74.928 T: 7.00 B: 20.201
4. Select Logo file to this template if you need set Translucent Logo

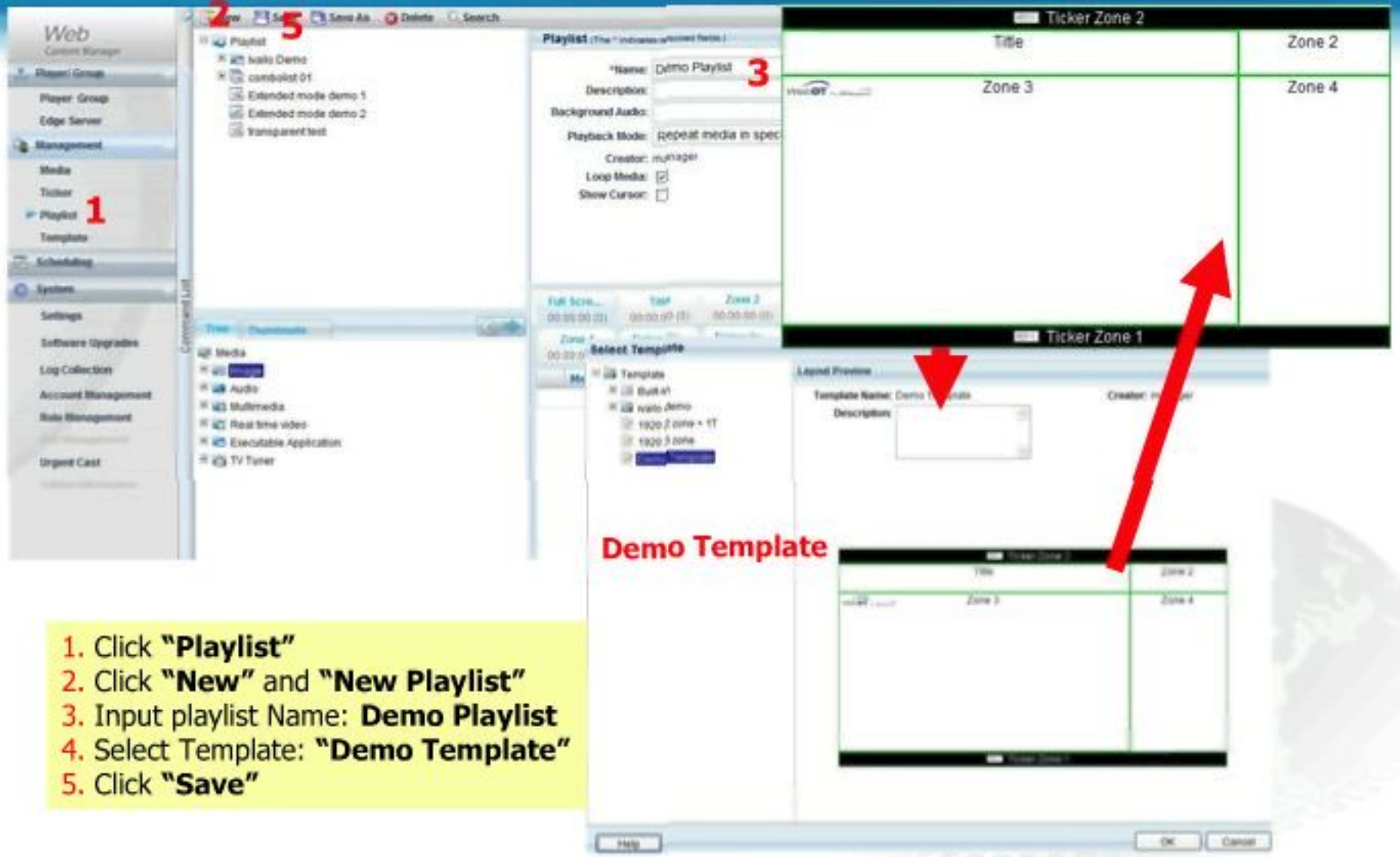
Create and preview your Playlist

Create a Playlist



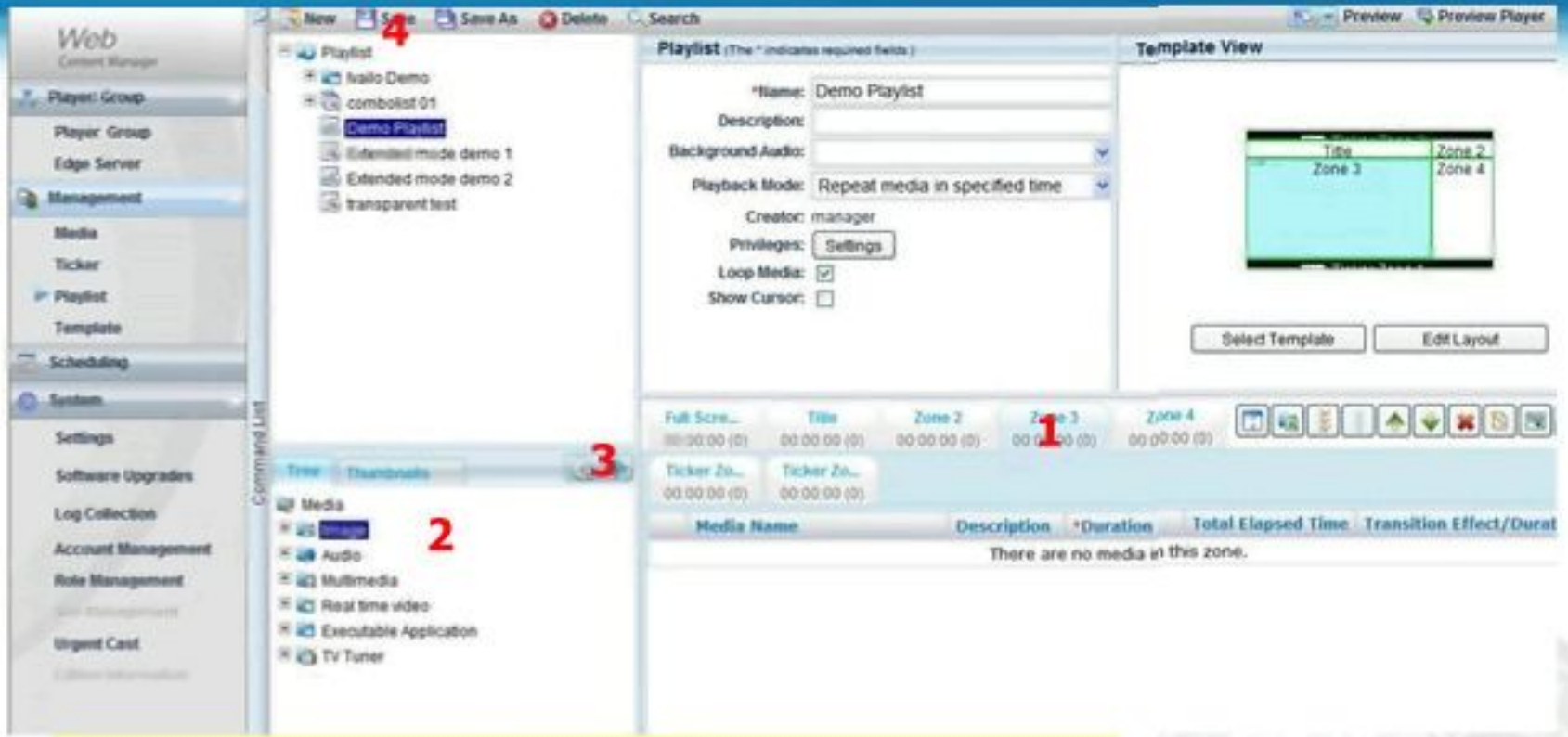
1. Click **"Playlist"**
2. Click **"New"** and **"New Playlist"**
3. Input playlist Name: **Demo Playlist**
4. Select Template: **"Demo Template"**

Create a Playlist



1. Click **"Playlist"**
2. Click **"New"** and **"New Playlist"**
3. Input playlist Name: **Demo Playlist**
4. Select Template: **"Demo Template"**
5. Click **"Save"**

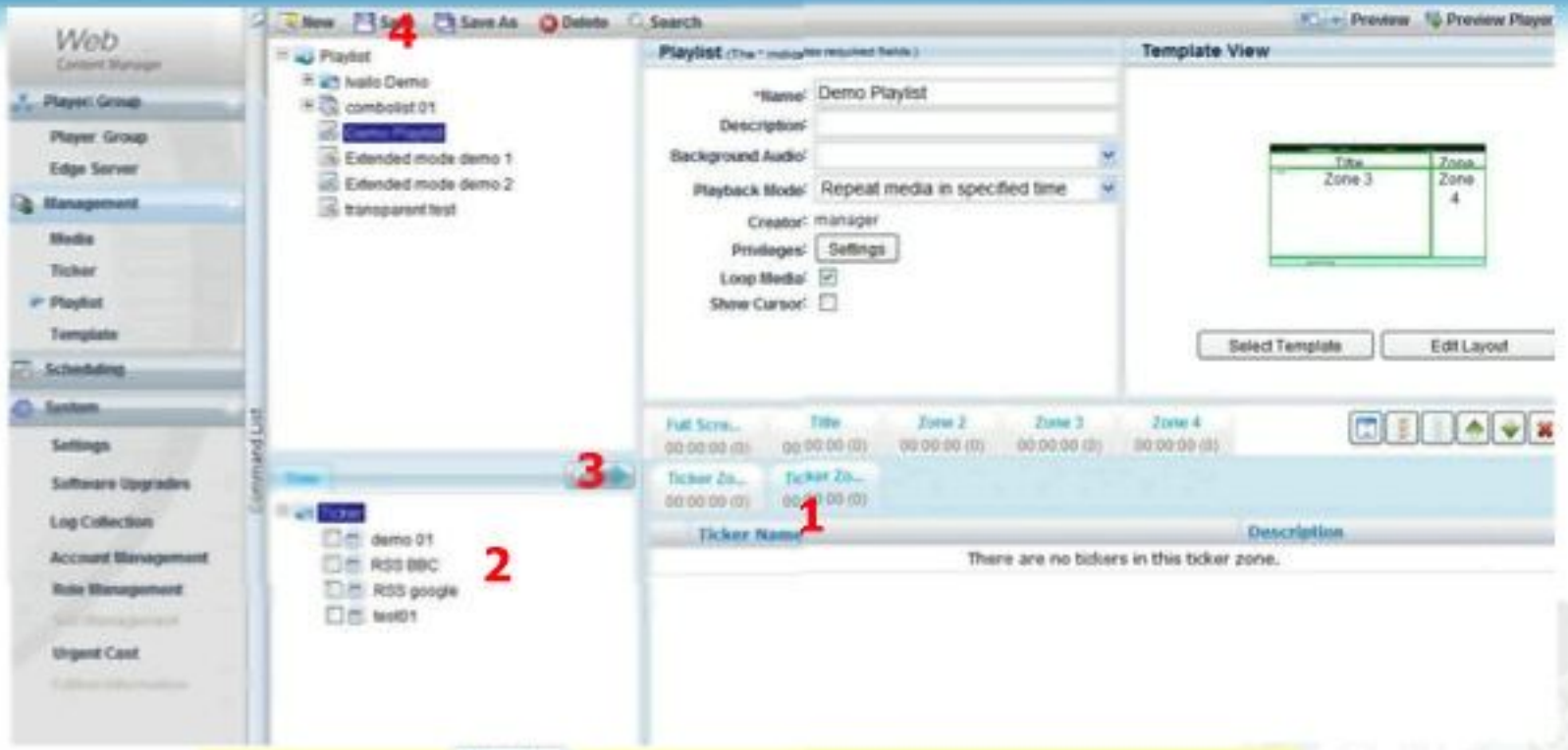
Create a Playlist
Insert Media Files

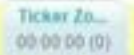


1. Click **"Zone 3"** the tab in lower panel
2. Select media file from tree view: Multimedia
3. Click to add the fie to the zone
4. **Save** the settings

Repeat the process to add video and image files to another zones

Create a Playlist
Insert Ticker



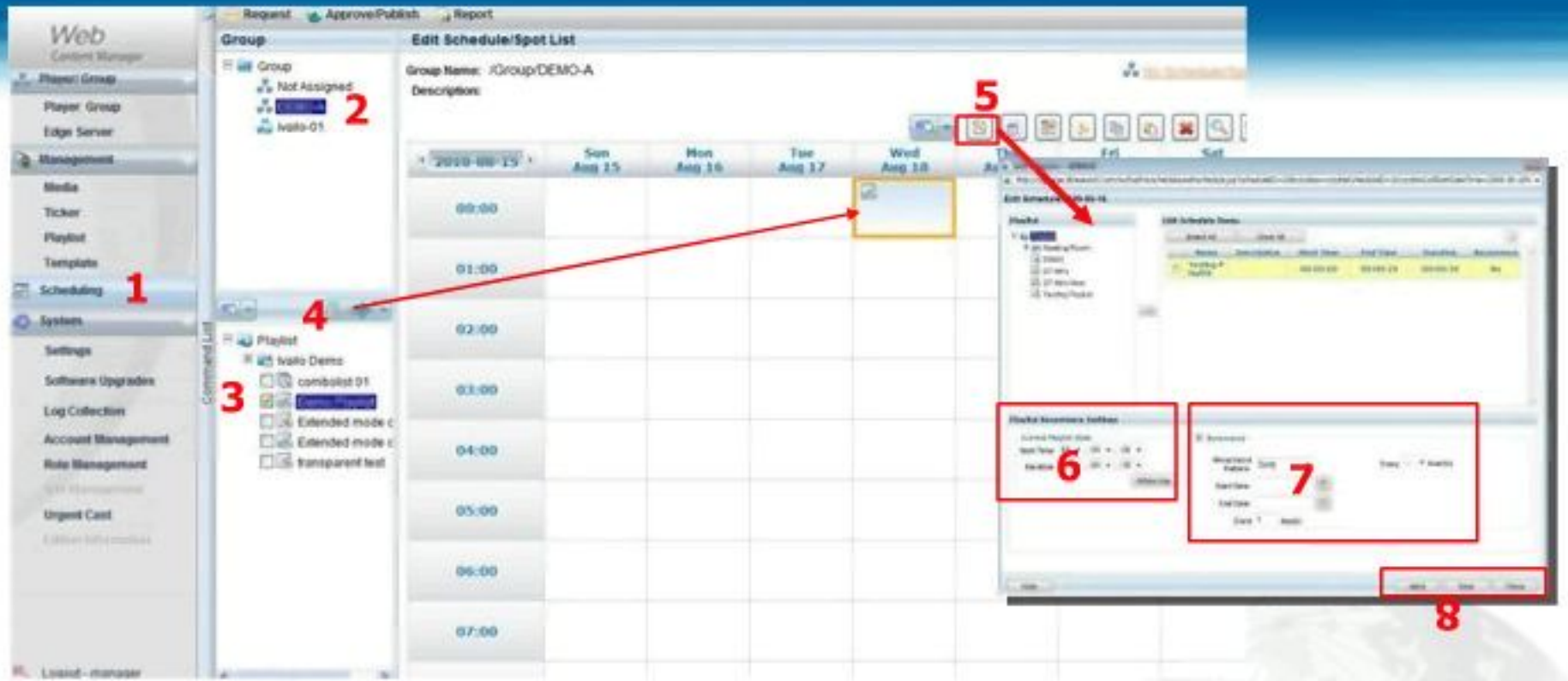
1. Click the  tab in lower panel
2. Select Ticker file from tree view: Ticker
3. Click to add the ticker file to Ticker Zone
4. **Save** the settings

Preview the Playlist

1. After the Demo Playlist is created, click a windows will pop to show all Preview Players
2. Select Players to Preview

Schedule and Publish playlist

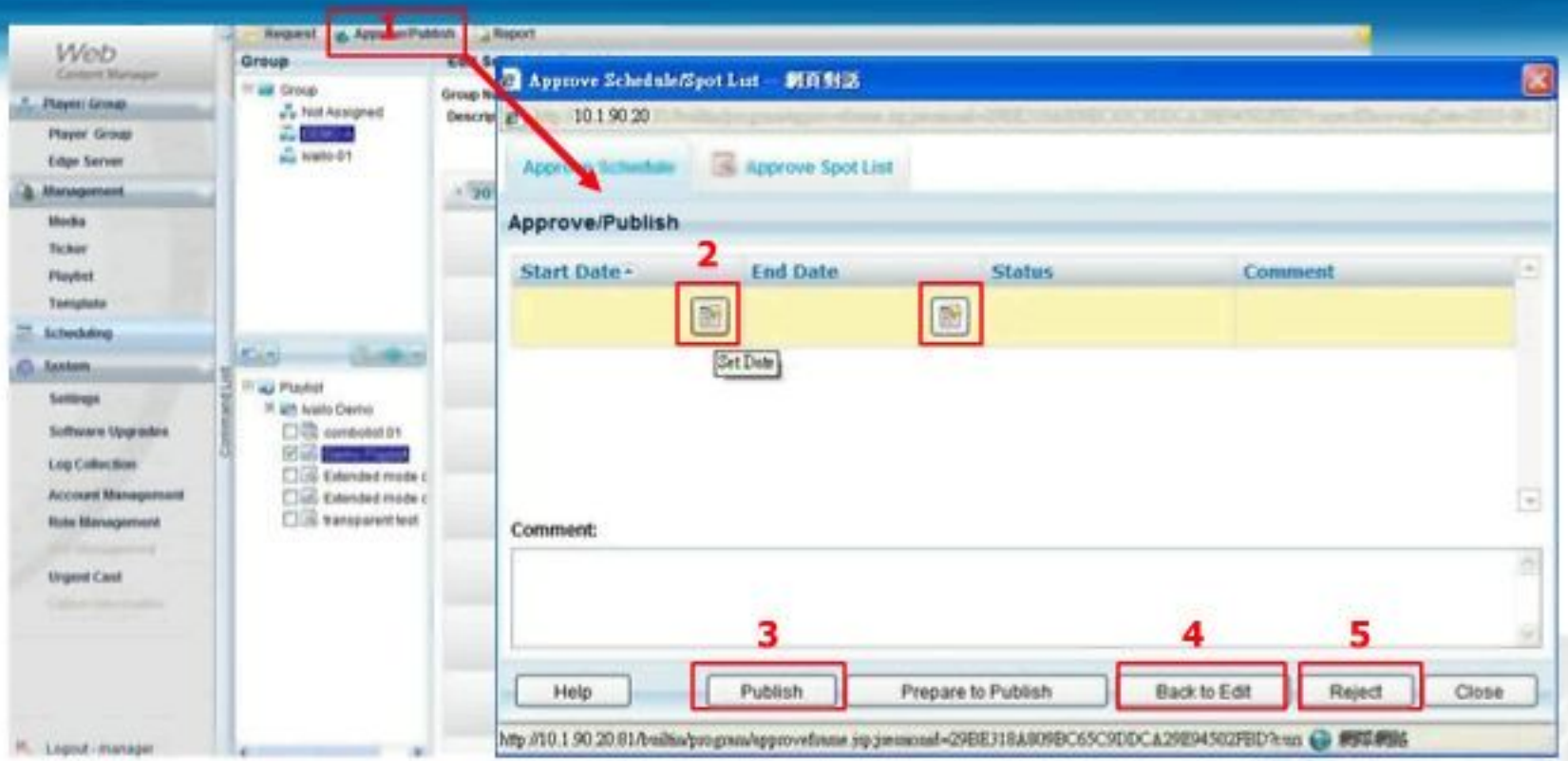
Scheduling



1. Click **"Scheduling"**
2. Select **"Demo-A"** group
3. Select **"Demo Playlist"**
4. Select today's date and a specific time slot on the calendar, then insert the playlist by clicking
5. Click to edit more schedule details

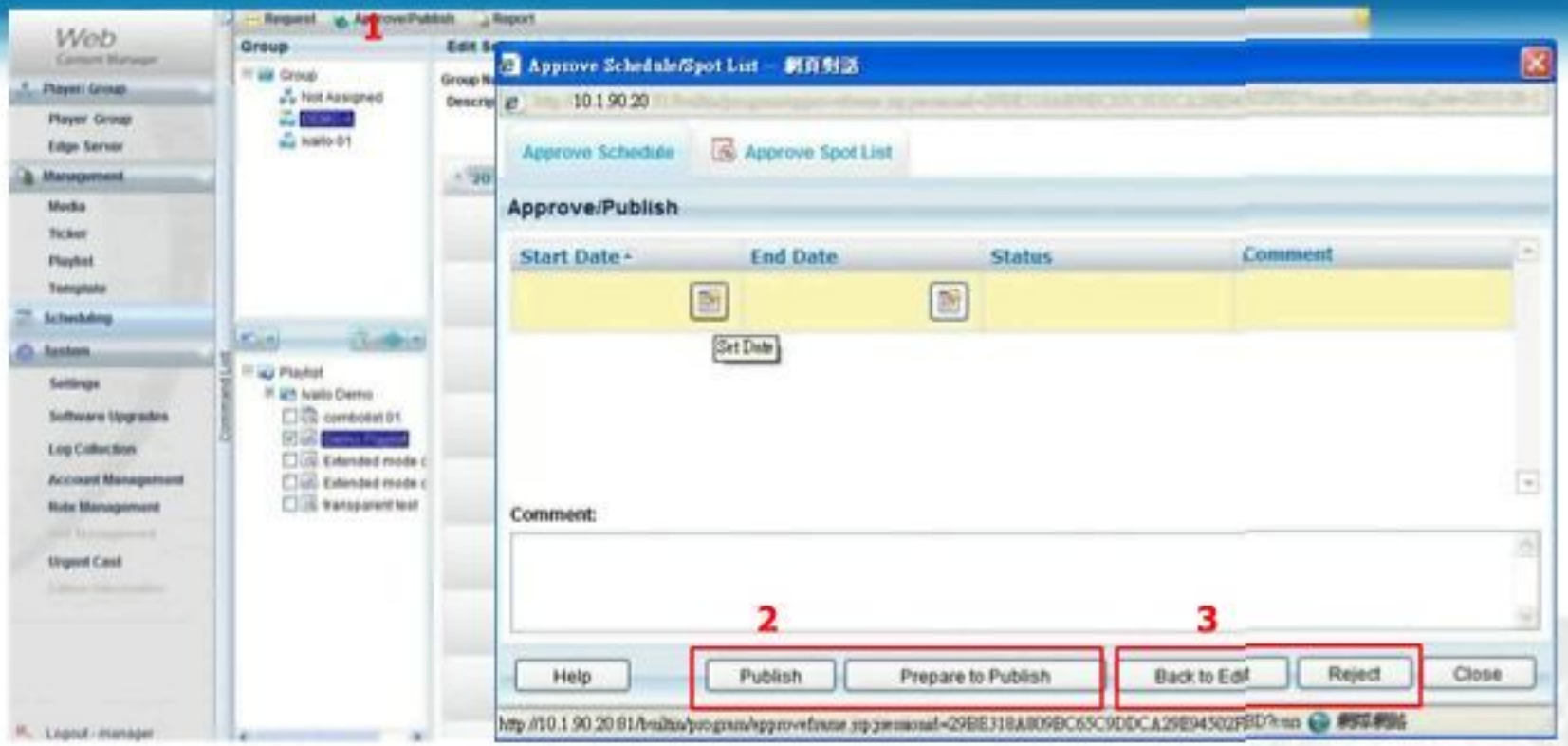
6. Set up **Start time** and **Duration** (You can click **Whole Day** to have the playlist scheduled to play whole day.)
7. You can check the **Recurrence** check box and add preferred recurrence settings
8. **Apply** the settings, then **Close** window

Publish the Schedule



1. Click Approve/Publish button then pop Approve Schedule/Spot List Windows
2. Set Start Date and End Date
3. **"Publish"** Schedule
4. If You Want to Modify Template or Playlist, Please **"Back to Edit"** First. The Media Files Still Display on Players.
5. When you **"Reject"** Publish, The Media Files Will be Broken off on Players.

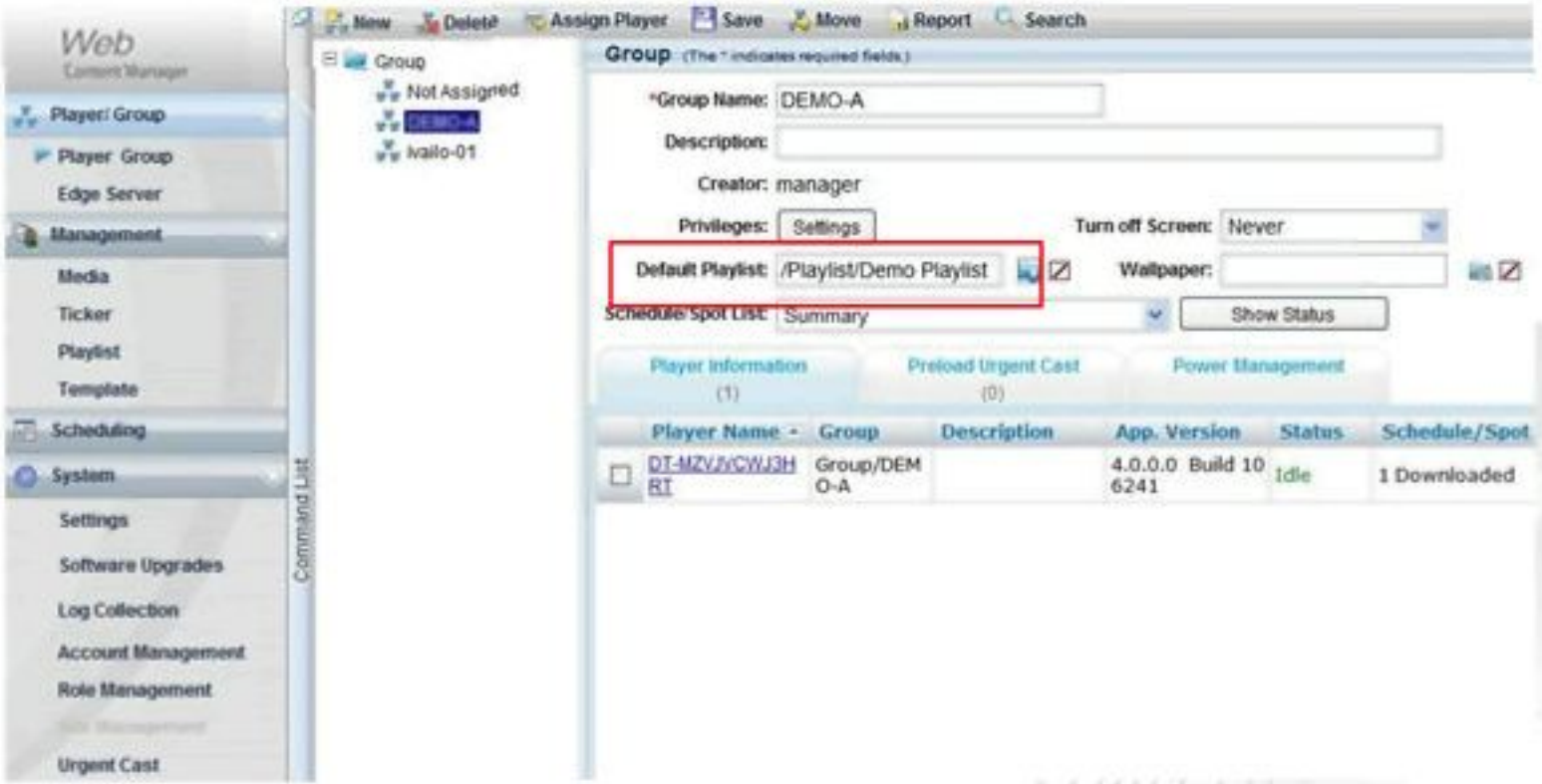
Publish Rule



1. When a Schedule's status is **"Publish"** or **"Prepare to Publish"** , the schedule is locked, and you cannot edit the schedule.
2. To edit the schedule, user can change the schedule status to or **"Reject"** . **"Back to Edit"** .

Setting Default Playlist For Group

- If you only have a single playlist which you'd like to have loop over and over again, you can utilize the "Default Playlist" feature either at the Group level or at the Organization level. At the group level, simply select the group and then apply the appropriate "Default Playlist".



Congratulations!

You have learned how to quickly create and manage your own digital signage contents via WCM4.0

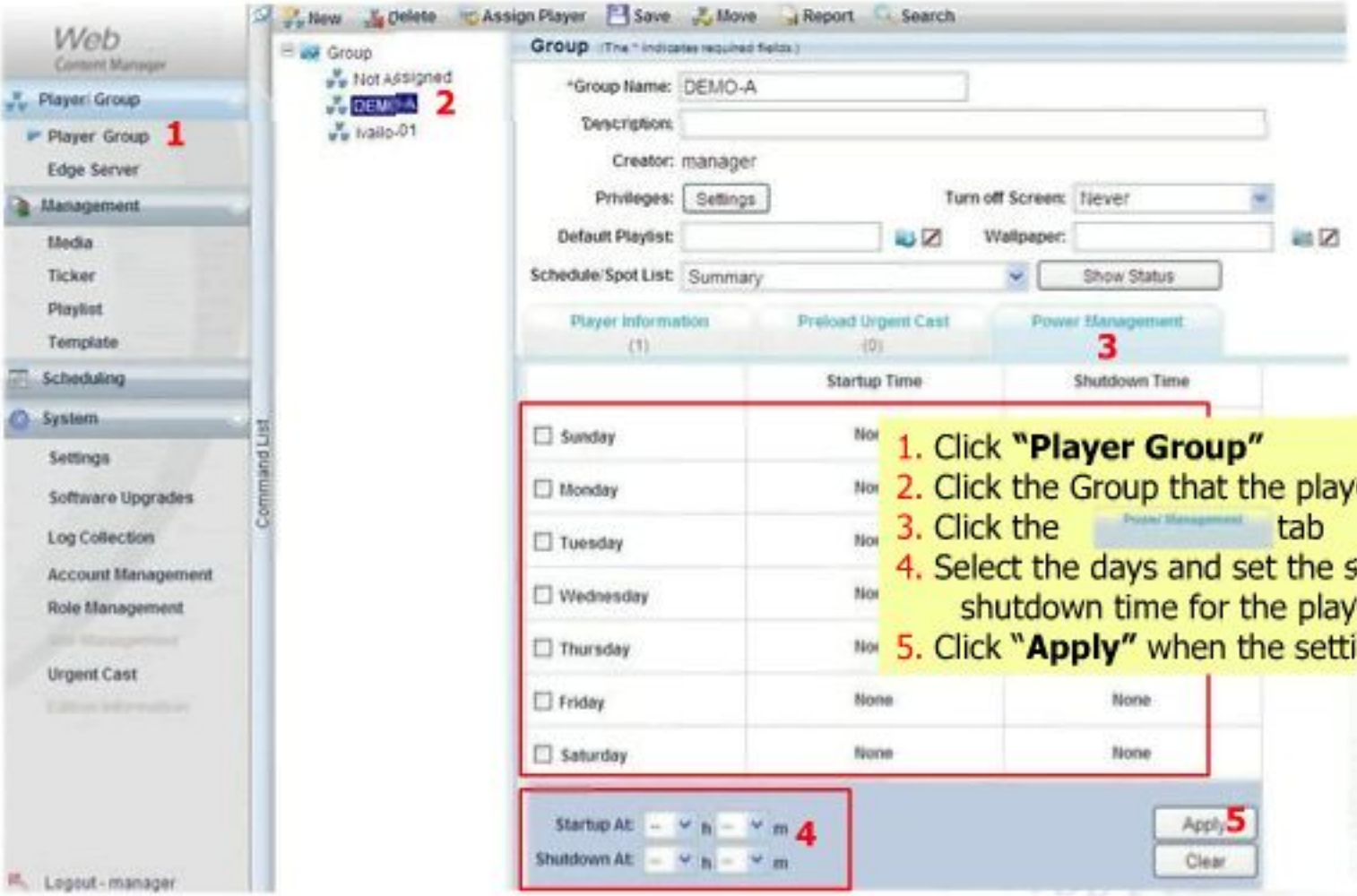
For more detailed information, please read through our User Manual.

Appendix

- Power Management Setting
- Group Settings
- Player Reboot / Remote Desktop Functions
- Active Directory Support
- Role/Privilege Management
- Set Zone Attributes

Appendix - 1
Power Management Setting

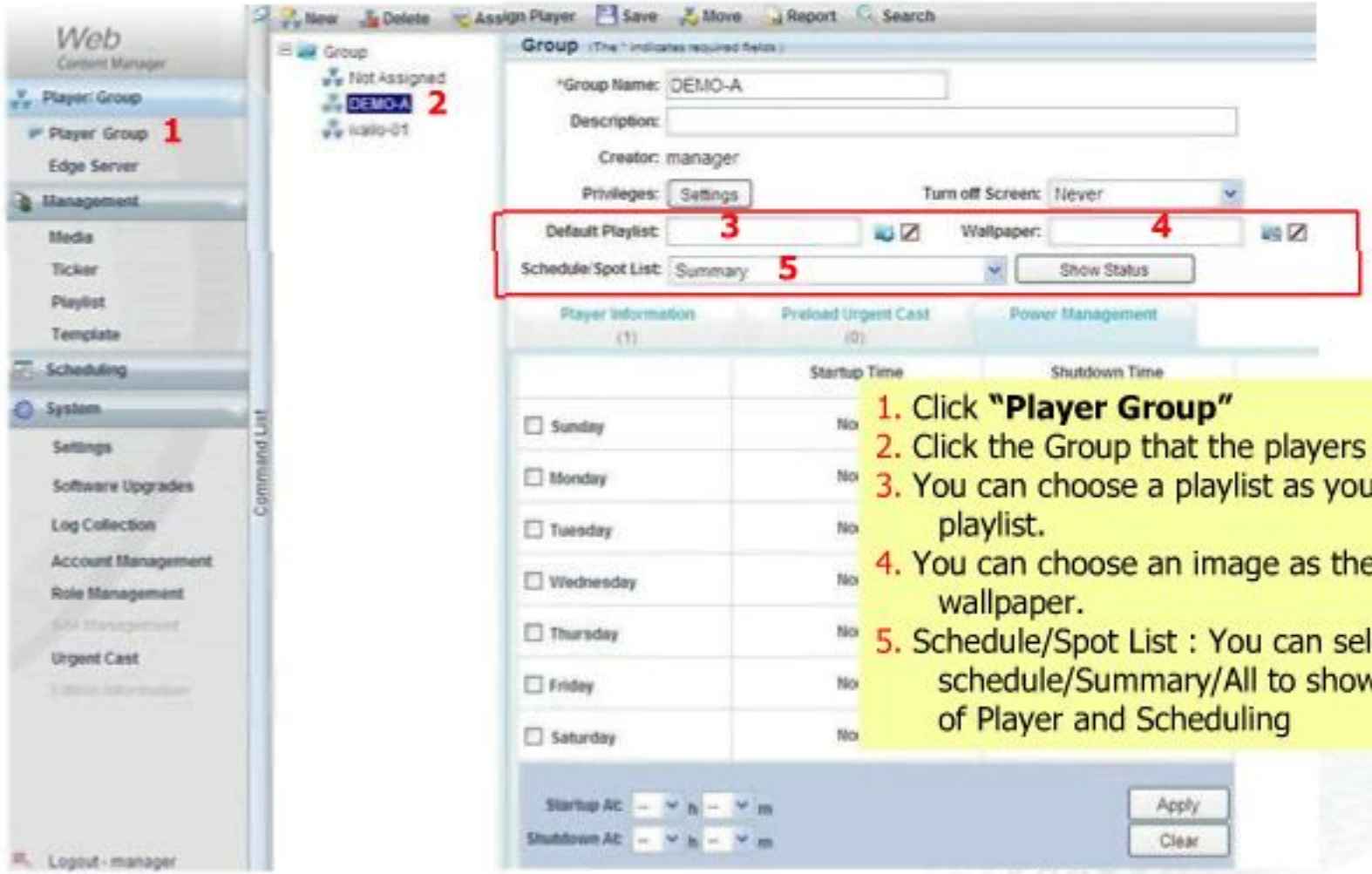
Manage Power Settings for Your Signage Players



1. Click **"Player Group"**
2. Click the Group that the players belong to
3. Click the tab
4. Select the days and set the startup and shutdown time for the players.
5. Click "**Apply**" when the settings are done

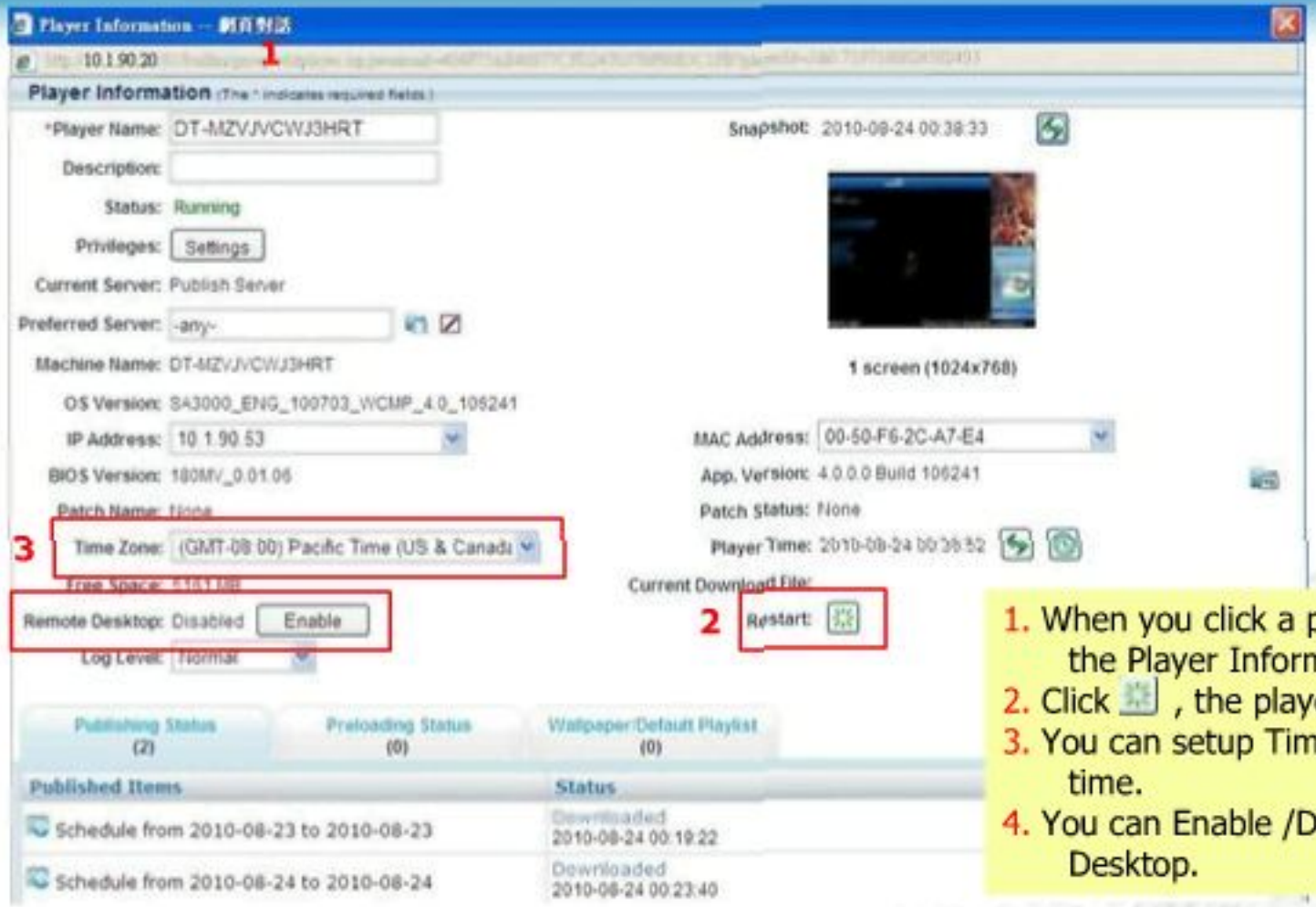
Appendix - 2
Group Settings

Group Settings for Your Signage Players



1. Click **"Player Group"**
2. Click the Group that the players belong to
3. You can choose a playlist as your default playlist.
4. You can choose an image as the default wallpaper.
5. Schedule/Spot List : You can select schedule/Summary/All to show the status of Player and Scheduling

Appendix – 3
Player Reboot / Remote Desktop Function

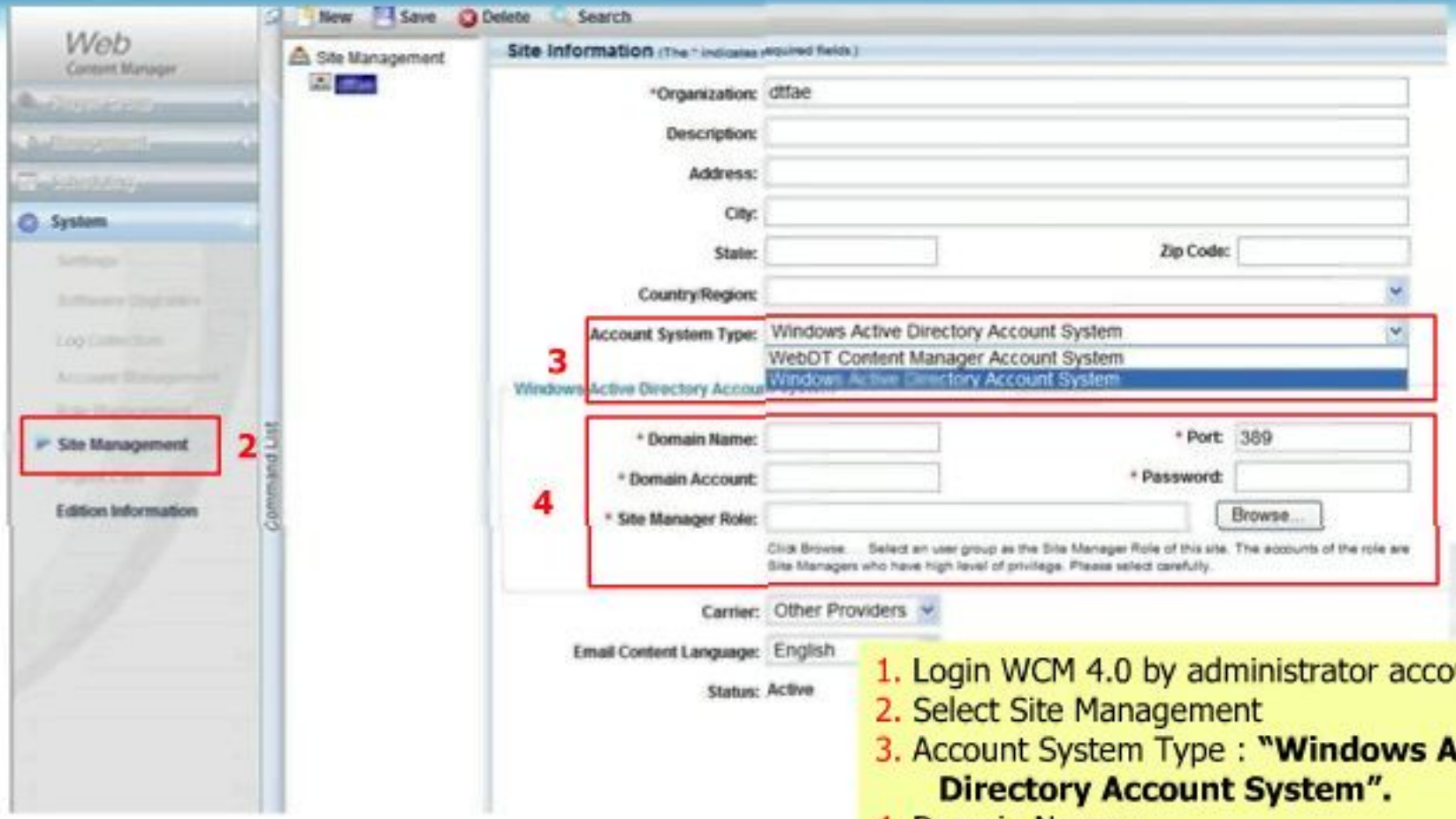


1. When you click a player, you can see the Player Information
2. Click , the player will reboot.
3. You can setup Time Zone to your zone time.
4. You can Enable /Disable Remote Desktop.

Appendix – 4
Active Directory Support

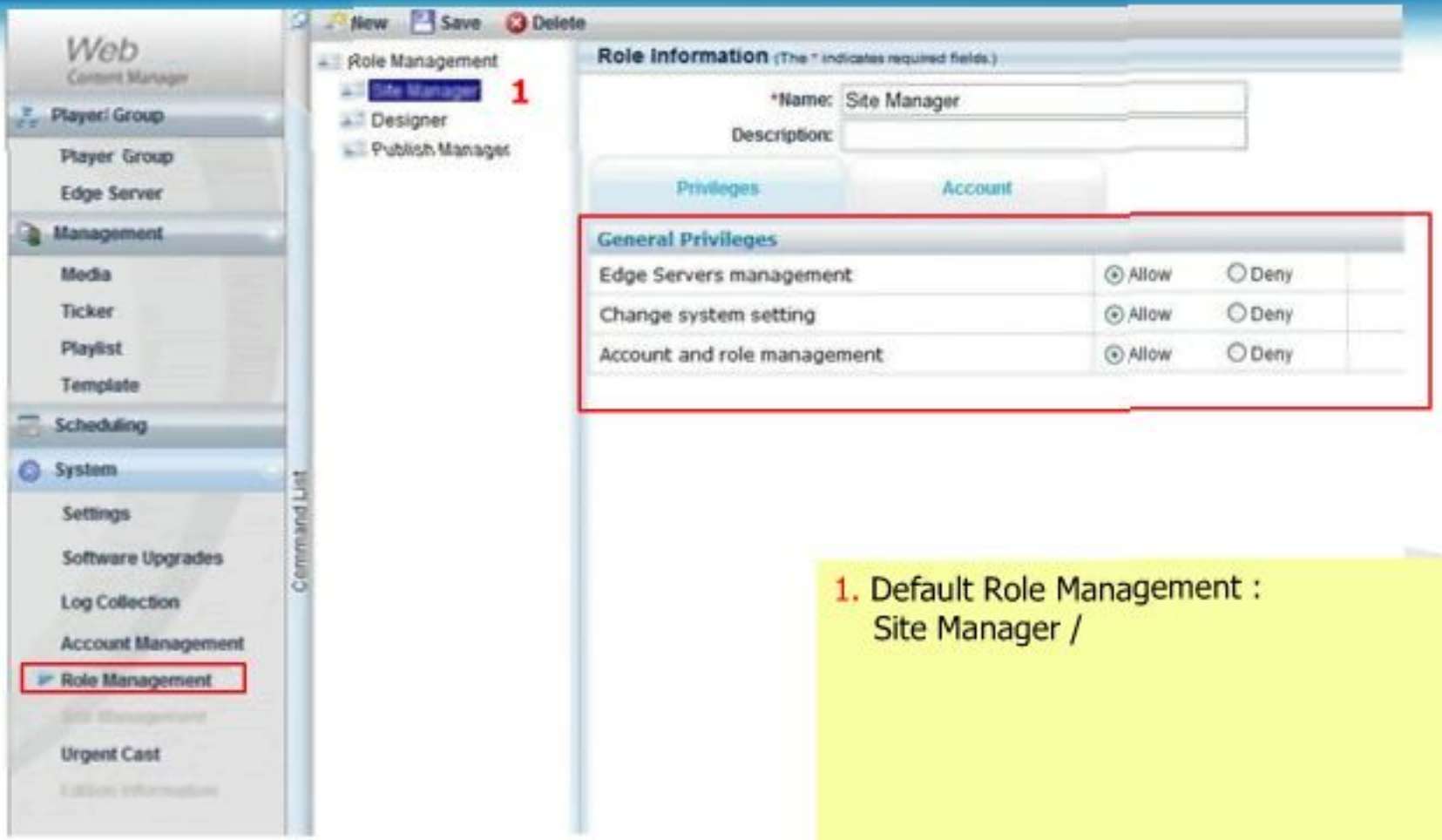
1. Login WCM 4.0 by administrator account.

Appendix – 4
Active Directory Support



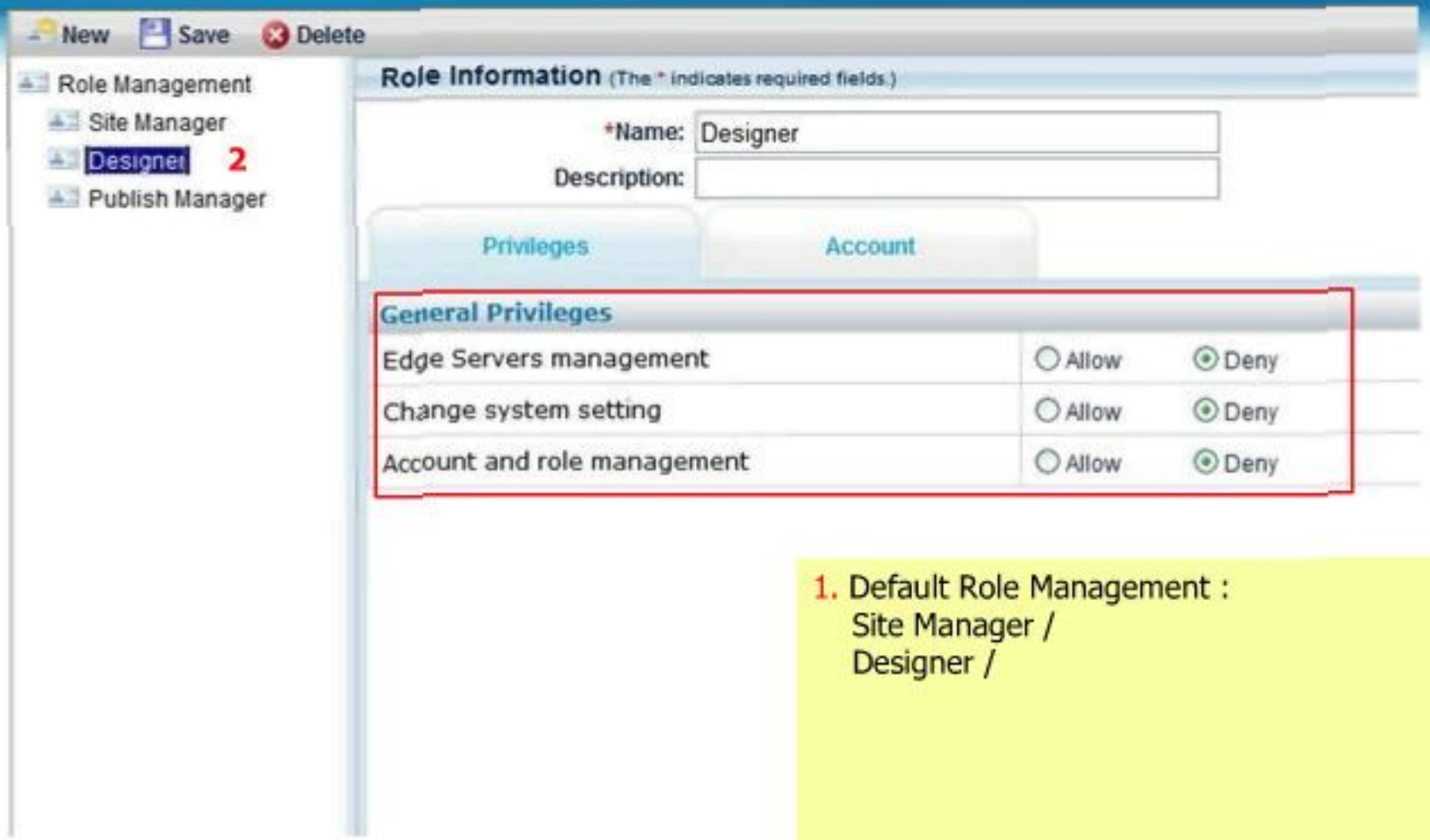
1. Login WCM 4.0 by administrator account.
2. Select Site Management
3. Account System Type : **"Windows Active Directory Account System".**
4. Domain Name :
   Domain Account:
   Password :
   Site Manager Role :

Appendix – 5
Role/Privilege Management



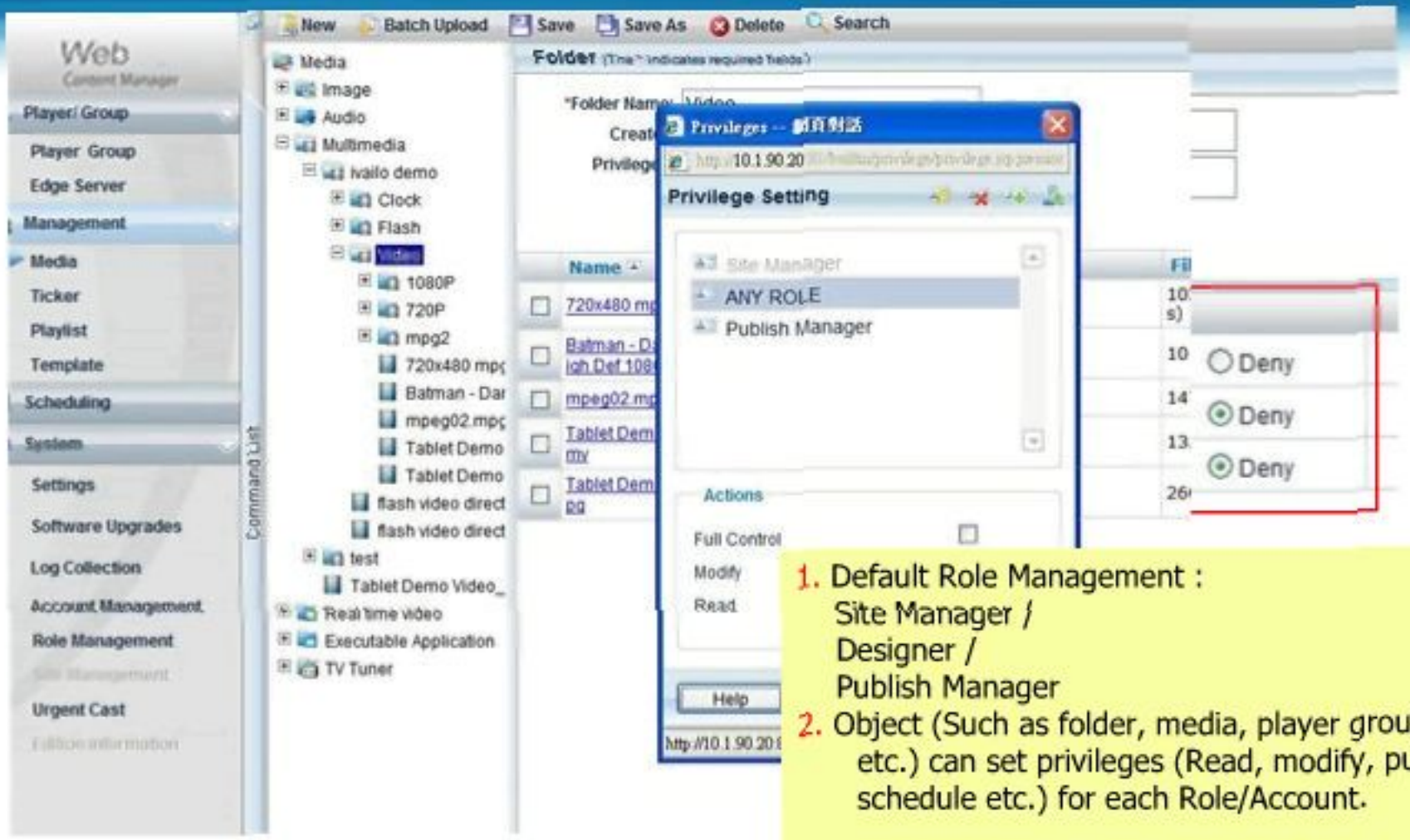
1. Default Role Management :
   Site Manager /

Appendix – 5
Role/Privilege Management



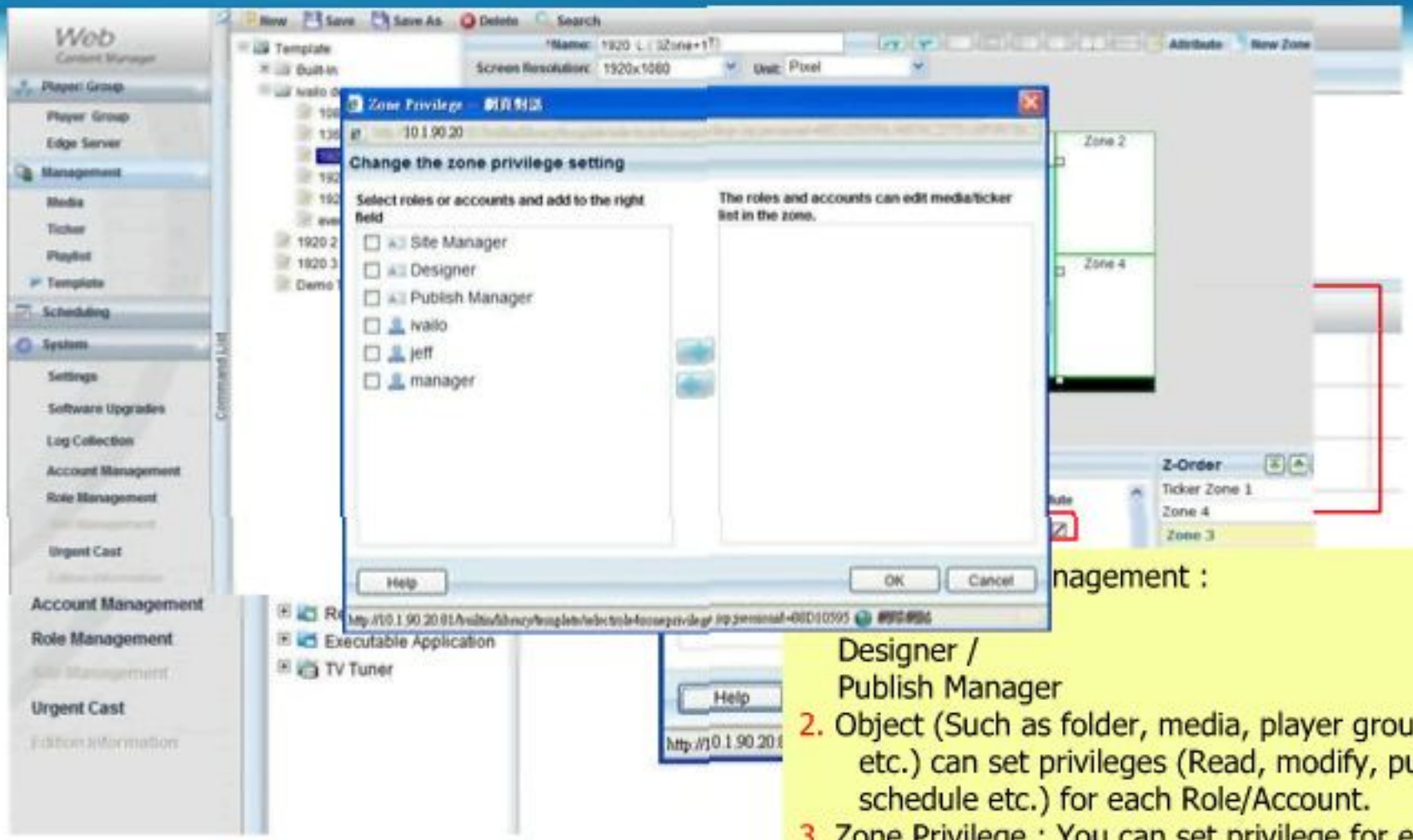
1. Default Role Management :
   Site Manager /
   Designer /

Appendix – 5
Role/Privilege Management



1. Default Role Management :
   Site Manager /
   Designer /
   Publish Manager
2. Object (Such as folder, media, player group etc.) can set privileges (Read, modify, publish schedule etc.) for each Role/Account.

Appendix – 5
Role/Privilege Management



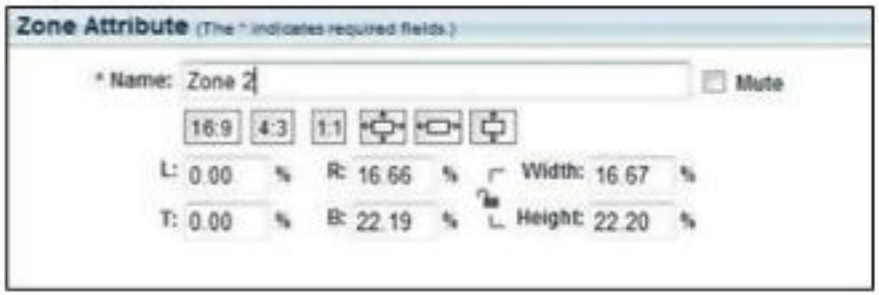
nagement :

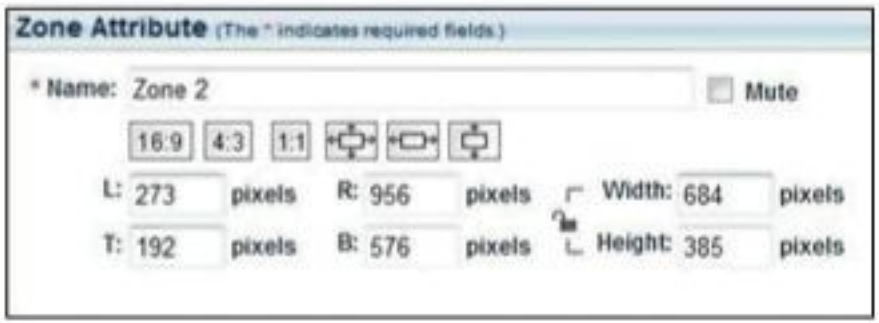
Designer /
Publish Manager

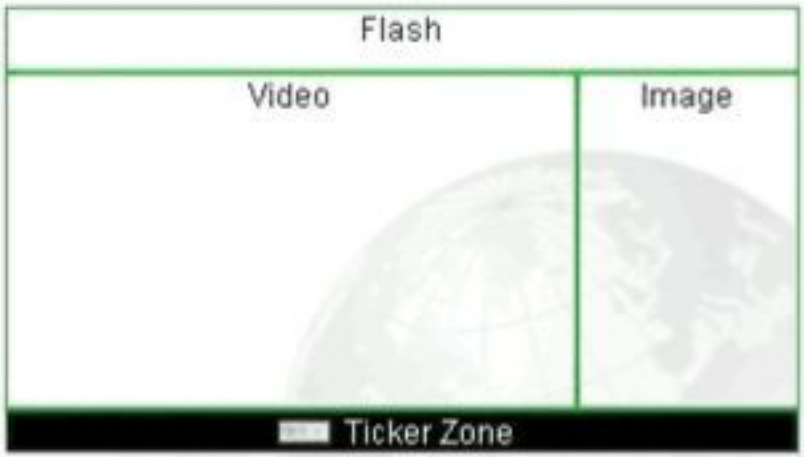
2. Object (Such as folder, media, player group etc.) can set privileges (Read, modify, publish schedule etc.) for each Role/Account.
3. Zone Privilege : You can set privilege for each normal zone or ticker zone in template or playlist.

Appendix – 6
Set Zone Attributes
Adjust Zone Size/Location

Arrange your layout by learning to count each zone position by percentage or pixel



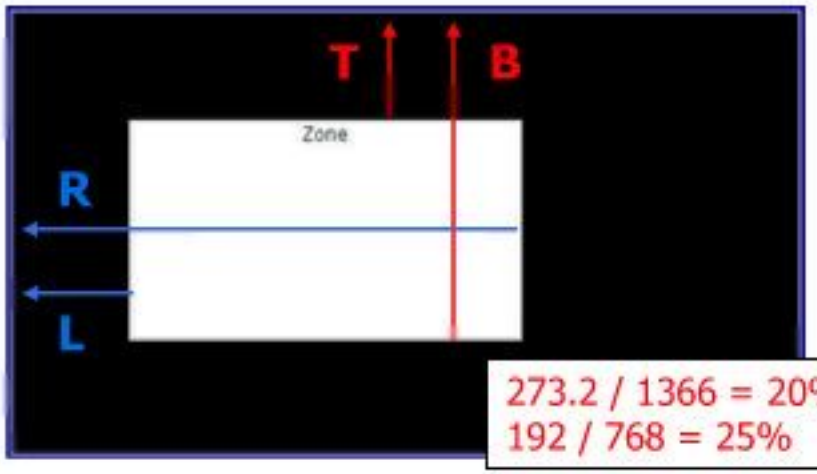




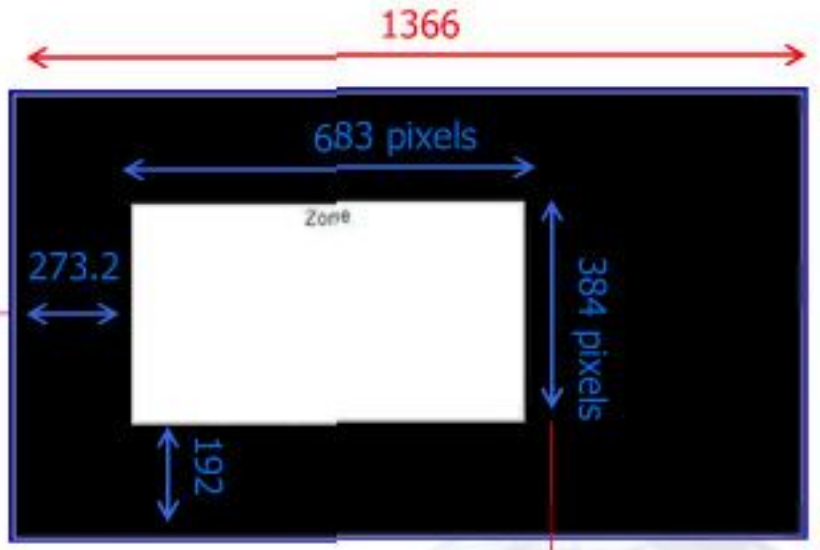
Adjust Zone Size and Location

Arrange your layout by learning to count each zone position by percentage

For example:

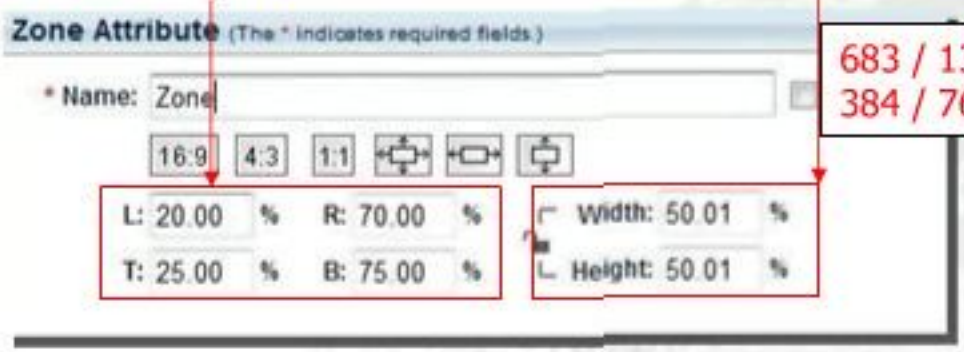


273.2 / 1366 = 20%
192 / 768 = 25%



683 / 1366 = 50%
384 / 768 = 50%

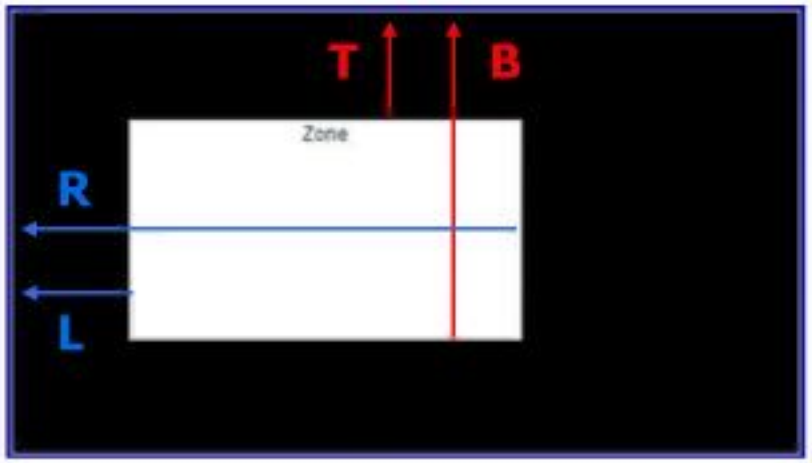
T: Zone top to Display top
B: Zone bottom to Display top
R: Zone right to Display left
L: Zone left to Display left

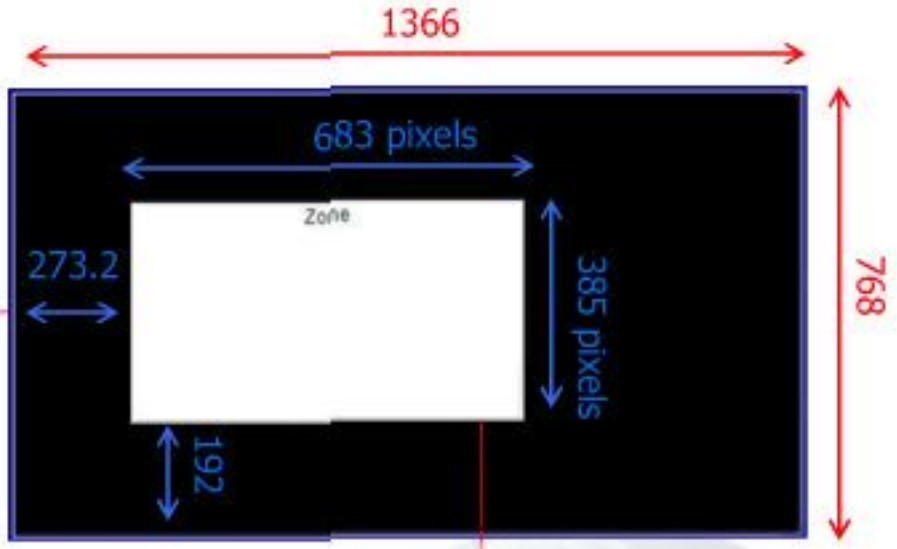


Adjust Zone Size/Location

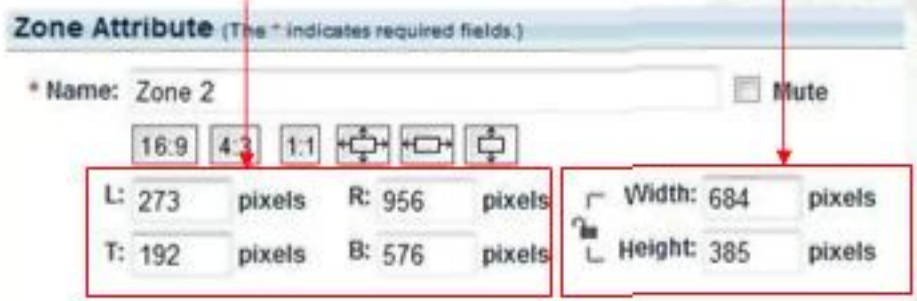
Arrange your layout by learning to count each zone position by pixels

For example:





T: Zone top to Display top
B: Zone bottom to Display top
R: Zone right to Display left
L: Zone left to Display left



THANK YOU!

"Please contact our technical support team for further questions"

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